

# Workpapers Sent to STB for 2011 Q4 RCAF

September 6, 2011



1. Index Calculation Spreadsheet (index\_calc.xls, 2 pages)
2. Summary of ST and PFTNW Hourly Rates (Summary.xls)
3. RCAF Taxable Wages adjustment calculation (TaxableRate.xls)
4. National Contracts spreadsheet, 2 sections (2 and 5 pages )
5. U.S. 2010 Benchmark spreadsheet
6. National Increase Applicability spreadsheet for 2010 Benchmark (Public Version)
7. National agreement COLA info for 2011 (2 pages)
8. Wall Street Journal - 13 week Treasury Bill Rate from latest auction (a.k.a. 3-Mo. T-Bill)
9. 2011/Q4 RCAF Lump Sum Amortization (3 pages)
10. 2011/Q4 RCAF Back Pay Amortization (2 pages)
11. Health & Welfare worksheet (1 pages) and 4 NRLC memos
12. Railroad Retirement spreadsheet (5 pages) and RRB web page with tax rates and taxable earnings
13. Unemployment Insurance worksheet and memo
14. 2-page SAS run for Unemployment Insurance
15. 11 pages from the Energy Information Administration's *This Week in Petroleum*
16. Summary of Materials & Supplies (one page)
17. Car Hire Spreadsheet (2 pages) plus 2 source data pages for September 1, 2011
18. 5 pages of PPI-RE for Depreciation including graph, input/output, and BLS source data
19. Interest Rate Index calculation using 2010 data.
20. 5 pages of PPI-LF for Other (and Lease Rentals) incl. graph, input/output, BLS source data
21. Forecast Error calculation and workpapers (11 pages: calc, index, fuel, 4 car hire, 2 deprec, 2 other )

## Benchmarking Data

1. 2010 Wage statistics Summary
2. RCAF Weights based on 2010 data (2 pages)
3. Railroad Retirement & Medicare 2010 Payroll Tax Calculation (2 pages)
4. Railroad Retirement & Medicare 2009 Earnings Distribution (2 pages, latest available data from RRB)

## Highly Confidential Data

1. National Increase Applicability spreadsheet for 2010 Benchmark (Highly Confidential Version)
2. RCAF Weights (detail) based on 2010 data (6 pages)
3. Benchmarks for Supplements page using 2010 data
4. Calculation of 12/31/2010 Straight Time Hourly Rates (3 pages and 4 pages)

**RCAF All-Inclusive Index's Labor Index Based on 2010 Benchmarks**

|                                   | 10 Wts. | 3Q/11<br>Original | 3Q/11<br>Rebenchd | % Chg | 4Q/11     | % Chg<br>fr. Orig | 1Q/12   | % Chg   | 2Q/12   | % Chg | 3Q/12   | % Chg |
|-----------------------------------|---------|-------------------|-------------------|-------|-----------|-------------------|---------|---------|---------|-------|---------|-------|
| <b>Straight Time PFTW</b>         |         | \$28.732          | \$28.157          | -2.0% | \$28.157  | -2.0%             |         |         |         |       |         |       |
|                                   |         | \$37.471          | \$36.870          | -8.0% | \$36.870  | -8.0%             |         |         |         |       |         |       |
| <b>Total</b>                      |         | \$36.203          | \$35.027          | -3.2% | \$35.027  | -3.2%             | \$0.000 | -       | \$0.000 | -     | \$0.000 | -     |
| <b>Adjustments</b>                |         | \$0.228           | \$0.226           |       | \$0.223   |                   |         |         |         |       |         |       |
| Lump Sum                          |         | \$0.038           | \$0.038           |       | \$0.038   |                   |         |         |         |       |         |       |
| Back Pay                          |         | \$0.199           | \$0.197           |       | \$0.197   |                   |         |         |         |       |         |       |
| Other                             |         |                   |                   |       |           |                   |         |         |         |       |         |       |
| <b>Total Wages</b>                |         | \$36.668          | \$35.488          | -3.2% | \$35.485  | -3.2%             | \$0.000 | -       | \$0.000 | -     | \$0.000 | -     |
| <b>Pre-Tax Reduction</b>          |         | (\$1.246)         | (\$1.204)         |       | (\$1.204) |                   |         |         |         |       |         |       |
| <b>Taxable Wages</b>              |         | \$35.422          | \$34.284          |       | \$34.281  |                   | \$0.000 |         | \$0.000 |       | \$0.000 |       |
| <b>H &amp; W</b>                  |         | \$8.631           | \$8.640           | 0.1%  | \$8.640   | 0.1%              |         |         |         |       |         |       |
| <b>F/R Ret &amp; Medicare</b>     |         | \$7.002           | \$7.105           | 1.5%  | \$7.105   | 1.5%              |         |         |         |       |         |       |
| <b>Unemp. Insurance</b>           |         | \$0.606           | \$0.599           | -1.2% | \$0.599   | -1.2%             |         |         |         |       |         |       |
| Other                             |         | \$0.217           | \$0.215           | -0.9% | \$0.097   | -55.3%            |         |         |         |       |         |       |
| <b>Total</b>                      |         | \$16.456          | \$16.559          | 0.6%  | \$16.441  | -0.1%             | \$0.000 | -       | \$0.000 | -     | \$0.000 | -     |
| <b>Adjustments</b>                |         |                   |                   |       |           |                   |         |         |         |       |         |       |
| <b>Total Suppl.</b>               |         | \$16.456          | \$16.559          | 0.6%  | \$16.441  | -0.1%             | \$0.000 | -       | \$0.000 | -     | \$0.000 | -     |
| <b>Total Labor</b>                |         | \$53.124          | \$52.047          | -2.0% | \$51.926  | -2.3%             | \$0.000 | -       | \$0.000 | -     | \$0.000 | -     |
| <b>Wage Rate Index</b>            |         | 0.6980            | 313.8             | 303.7 | -3.2%     | 303.7             | -3.2%   | 0.0     | -       | 0.0   | -       | 0.0   |
| <b>Suppl Index</b>                |         | 0.3020            | 608.1             | 611.9 | 0.6%      | 607.6             | -0.1%   | 0.0     | -       | 0.0   | -       | 0.0   |
| <b>Total Labor Index '09 Wts.</b> |         | 401.8             |                   |       |           |                   |         |         |         |       |         |       |
| <b>Total Labor Index '10 Wts.</b> |         | 402.7             | 396.8             | -1.5% | 395.5     | -1.8%             | 0.0     | -       | 0.0     | -     | 0.0     | -     |
| <b>Labor Index (Linked)</b>       |         | 382.1             |                   |       | 375.3     | -1.8%             | 0.0     | -100.0% | #DIV/0! | -     | #DIV/0! | -     |

| All Inclusive Index and RCAF  |             |                     |              |             |             |             |              |             |             |
|-------------------------------|-------------|---------------------|--------------|-------------|-------------|-------------|--------------|-------------|-------------|
|                               | 10 Wts      | 3Q/11 Revised       | 3Q/11 10 Wts | % Chg       | 4Q/11 % Chg | 1Q/12 % Chg | 2Q/12 % Chg  | 3Q/12 % Chg | % Chg       |
| <b>Labor</b>                  | 0.333       | 382.10              | 382.1        | 0.0%        | 375.3       | -1.8%       | 0.0 -100.0%  | #DIV/0!     | --          |
| <b>Fuel</b>                   | 0.180       | 392.30              | 392.3        | 0.0%        | 396.9       | 1.2%        | --           | --          | --          |
| <b>M&amp;S</b>                | 0.050       | 257.90 <sup>r</sup> | 257.9        | 0.0%        | 265.7       | 3.0%        | --           | #DIV/0!     | --          |
| <b>Equip. Rents</b>           | 0.062       | 208.80              | 208.8        | 0.0%        | 205.9       | -1.4%       | 0.0 -100.0%  | #DIV/0!     | --          |
| <b>Depreciation</b>           | 0.128       | 206.10              | 206.1        | 0.0%        | 208.4       | 1.1%        | --           | #DIV/0!     | --          |
| <b>Interest</b>               | 0.029       | 84.50               | 84.5         | 0.0%        | 90.6        | 7.2%        | 90.6 0.0%    | 90.6 0.0%   | --          |
| <b>Other</b>                  | 0.218       | 222.30              | 222.3        | 0.0%        | 220.3       | -0.9%       | --           | --          | --          |
| <b>Weighted Avg.</b>          | 1.000       | 297.60              | 301.0        | 1.1%        | 299.8       | -0.4%       | 2.6 -99.1%   | #DIV/0!     | --          |
| <b>Linked</b>                 |             | 291.80              |              |             | 290.6       | -0.4%       | 2.5 -99.1%   | #DIV/0!     | --          |
| <b>    </b>                   | <b>    </b> | <b>    </b>         | <b>    </b>  | <b>    </b> | <b>    </b> | <b>    </b> | <b>    </b>  | <b>    </b> | <b>    </b> |
| <b>    </b>                   | <b>    </b> | <b>    </b>         | <b>    </b>  | <b>    </b> | <b>    </b> | <b>    </b> | <b>    </b>  | <b>    </b> | <b>    </b> |
| <b>10/1/80 basis</b>          | 102.7       | 284.10              | 283.0        | -0.4%       | 240.4       | -0.4%       | 2.4 -99.2%   | #DIV/0!     | --          |
| <b>10/1/82</b>                | 120.9       | 241.40              | 220.70       | -0.4%       | 219.8       | -0.4%       | 2.1 -99.1%   | #DIV/0!     | --          |
| <b>4Q/87</b>                  | 132.2       | 186.00              | 185.2        | -0.4%       | 167.8       | -0.4%       | 1.9 -99.1%   | #DIV/0!     | --          |
| <b>4Q/92</b>                  | 156.9       | 168.50              | 151.3        | -0.4%       | 151.3       | -0.4%       | 1.6 -99.1%   | #DIV/0!     | --          |
| <b>4Q/97</b>                  | 173.2       | 151.90              | 118.2        | -0.4%       | 118.2       | -0.4%       | 1.4 -99.2%   | #DIV/0!     | --          |
| <b>4Q/02</b>                  | 192.1       | 208.80              | 202.4        | -0.8%       | 199.6       | -1.4%       | 1.3 -99.1%   | #DIV/0!     | --          |
| <b>4Q/07 basis</b>            | 245.9       | 118.70              | 205.9        | -1.4%       | 205.9       | -1.4%       | 1.0 -99.2%   | #DIV/0!     | --          |
| <b>Car Hire</b>               | 0.458       | 178.90              | 178.9        | 0.0%        | 175.2       | -2.1%       | --           | --          | --          |
| <b>Lease Rents</b>            | 0.542       | 222.30              | 222.3        | 0.0%        | 220.3       | -0.9%       | 0.0 --       | 0.0 0.0     | --          |
| <b>Weighted Avg Eq Rents</b>  | 204.00      | 202.4               | 202.4        | -0.8%       | 199.6       | -1.4%       | 0.0 --       | 0.0 0.0     | --          |
| <b>Linked Equipment Rents</b> | 208.80      | 208.80              | 208.80       | -0.8%       | 205.9       | -1.4%       | 0.0 -100.0%  | #DIV/0!     | --          |
| <b>Preliminary RCAF</b>       | 1.187       |                     |              |             | 1.182       | -0.42%      | 0.010 -99.2% | #DIV/0!     | --          |
| <b>Forecast Error Adj.</b>    | 0.020       |                     |              |             | 0.026       |             | 0.010 -99.2% | #DIV/0!     | --          |
| <b>RCAF Unadjusted</b>        | 1.207       |                     |              |             | 1.208       | 0.08%       | 0.010 -99.2% | #DIV/0!     | --          |
| <b>PAF</b>                    | 2.2566      |                     |              |             | 2.2645      | 0.35%       | 2.2724 0.35% | #DIV/0!     | --          |
| <b>RCAF Adjusted</b>          | 0.535       |                     |              |             | 0.533       | -0.37%      | 0.004 -99.2% | #DIV/0!     | --          |
| <b>PAF-5</b>                  | 2.3893      |                     |              |             | 2.3894      | 0.30%       | 2.3978 0.35% | #DIV/0!     | --          |
| <b>RCAF-5</b>                 | 0.507       |                     |              |             | 0.506       | -0.20%      | 0.004 -99.2% | #DIV/0!     | --          |

<sup>r</sup> - revised

# Hourly Rate for 2011 Q4

## Straight Time and Time Paid For But Not Worked

**2011Q4 Straight Time Hourly Rate (from national spreadsheet)** \$28.060  
 Rebenchmarked to 2010 Wage Statistics

**Adjustments to 2010 base:**

**Adjustments added 2011 Q1**

|  |  |       |
|--|--|-------|
| CN Railroads                                     | \$0.03 COLA for most unions  | 0.001 |
| Dispatcher 4 (BNSF, CSX, KCS, NS)                | 2.5% GWI for CSX ATDA-East   | 0.001 |
| MISC. Independent BLET, Yardmasters, Dispatchers | 2% GWI for BNSD BLET, 2.5% GWI for CSX BLET, \$0.03 COLA for CSX UTU-YMD   | 0.041 |
| Soo Corp.  | \$0.03 for SOO IAM, UTU and UTU-YMD, 3.13% for DME BLET, 3.06% for DME UTU | 0.002 |

**Adjustments added 2011 Q2**

|  |           |       |
|--|-----------|-------|
| CN Railroads                                     | No change | 0.000 |
| Dispatcher 4 (BNSF, CSX, KCS, NS)                | No change | 0.000 |
| MISC. Independent BLET, Yardmasters, Dispatchers | No change | 0.000 |
| Soo Corp.  | No change | 0.000 |

**Adjustments added 2011 Q3**

|  |   |       |
|--|---|-------|
| CN Railroads                                     | \$0.28 COLA for most unions                     | 0.009 |
| Dispatcher 4 (BNSF, CSX, KCS, NS)                | No change                                       | 0.000 |
| MISC. Independent BLET, Yardmasters, Dispatchers | 5% GWI for NS BLET, \$0.28 COLA for CSX UTU-YMD | 0.041 |
| Soo Corp.  | \$0.28 for DH and SOO IAM, UTU and UTU-YMD      | 0.002 |

**Adjustments added 2011 Q4**

|  |   |       |
|--|---|-------|
| CN Railroads                                     | 2% GWI for DMIR UTU, but no impact                  | 0.000 |
| Dispatcher 4 (BNSF, CSX, KCS, NS)                | No change   | 0.000 |
| MISC. Independent BLET, Yardmasters, Dispatchers | No change   | 0.000 |
| Soo Corp.  | DME BRS new contract with retro GWIs, but no impact | 0.000 |

**Adjusted STHR Total** \$28.157

**Pay For Time Not Worked**

|                                   |                   |          |
|-----------------------------------|-------------------|----------|
| PFTNW (from national spreadsheet) |                   | \$6.846  |
| Ratio Adj STHR to Nat STHR        | 28.157 / 28.060 = | 1.00346. |

**Adjusted Pay For Time Not Worked** \$6.870

**Notes:**

1. CN Railroads includes B&LE, CC&P, DMIR, DW&P, EJE, GTW, IC, and WC
2. "Dispatcher 4" was benchmarked based on 2010 Wage Statistics as independent, even though the new national ATDA contract was signed September 1, 2007.
3. Soo Corp. includes SH, DME and Soo Line.

## RCAF Taxable Wages

(To Use for Railroad Retirement and Unemployment Insurance Payroll Tax Calculations)

In the RCAF calculation, Total Wages are the wages paid, while Taxable Wages are the wages on which to base payroll tax calculations. The difference is caused by pre-tax employee contributions to help pay Health & Welfare costs. This page calculates that wage rate difference.

The national agreements feature employee Health & Welfare cost sharing. Some of the independent agreements adopt the dollar amount contributed under the national agreement, and some have their own employee contribution rate such as the CN Management H&W Plan. This Cost Sharing is a pre-tax employee contribution to Health & Welfare insurance premiums paid by the employer. The employee contribution reduces employer Health & Welfare costs, while the Health & Welfare insurance premiums paid to the provider are unchanged. In the RCAF calculation, the reduction to the employer's Health & Welfare costs affect the Supplements portion of the Labor component of the index. The Taxable Wage Rate is used for Railroad Retirement and Unemployment Insurance calculations.

### Reduction Calculation for 4Q/2011

U.S. ST Hours = 288,067,728

Wage Statistics are for 2010.

| Union Group  | Employees | Mo. Rate   | Annual \$                 |
|--|-----------|------------|---------------------------|
| National BLET (BNSF, CSX, KCS, NS, UP)             | 23,489    | (\$200.00) | (\$56,373,600 00)         |
| National BMWE (BNSF, CSX, KCS, NS, UP)             | 22,265    | (\$200.00) | (\$53,436,000 00)         |
| National BRS (BNSF, CSX, KCS, NS, UP)              | 6,102     | (\$200.00) | (\$14,644,800 00)         |
| National IAM (BNSF, CSX, KCS, NS, UP)              | 6,396     | (\$202.84) | (\$15,568,375 68)         |
| National IBBM (BNSF, CSX, KCS, NS, UP)             | 815       | (\$200.00) | (\$1,956,000 00)          |
| National IBEW (BNSF, CSX, KCS, NS, UP)             | 4,866     | (\$200.00) | (\$11,678,400 00)         |
| National NCFO (BNSF, CSX, KCS, NS, UP)             | 2,170     | (\$200.00) | (\$5,208,000.00)          |
| National SMW (BNSF, CSX, KCS, NS, UP)              | 948       | (\$200.00) | (\$2,275,200 00)          |
| National TCU (BNSF, CSX, KCS, NS, UP)              | 5,932     | (\$200.00) | (\$14,236,800 00)         |
| National TCU-CAR (BNSF, CSX, KCS, NS, UP)          | 9,123     | (\$200.00) | (\$21,895,200 00)         |
| National UTU (BNSF, CSX, KCS, NS, UP)              | 35,274    | (\$202.90) | (\$85,885,135 20)         |
| National UTU-Yardmasters (BNSF, CSX, KCS, NS)      | 1,467     | (\$202.71) | (\$3,568,506 84)          |
| Indep. Dispatchers (wt avg BNSF, CSX, KCS, NS)     | 1,676     | (\$200.00) | (\$4,022,400.00)          |
| Independent CNGT (wt avg all 104 union categories) | 5,971     | (\$120.48) | (\$8,632,632 96)          |
| Independent SOO (wt avg all 13 unions)             | 3,593     | (\$185.18) | (\$7,984,220.88)          |
| Independent UP (Yardmasters only)                  | 417       | (\$200.00) | (\$1,000,800 00)          |
| Total Union  | 130,504   |            | (\$308,366,071 56)        |
| All Other @ \$3,205,748.60 total per month         |           |            | (\$38,468,983 20)         |
| <b>Total</b>                                       |           |            | <b>(\$346,835,054 76)</b> |

|                                       |               |
|---------------------------------------|---------------|
| Reduction in Wage Rate Per ST Hour    | -\$1 20400524 |
| Deduct this amount from the Wage Rate | -\$1.204      |

## National Contracts U.S.

| Check Sum |
|-----------|
| 1.00000   |

|           | Straight Time Hourly Rate |         |         |         |         |         |         |        |         | IBBM    | IBEW   | ATDA    | YDMSTR  | OTHER   |
|-----------|---------------------------|---------|---------|---------|---------|---------|---------|--------|---------|---------|--------|---------|---------|---------|
|           | UTU                       | TCU     | BLET    | SMMWIA  | BRS     | BMWWE   | TCU-CAR | NCFO   | IAM     | IBBM    | IBEW   | ATDA    | YDMSTR  | OTHER   |
| Weight    | 0.23281                   | 0.03958 | 0.17114 | 0.00596 | 0.04413 | 0.15555 | 0.06183 | 0.0139 | 0.04149 | 0.00588 | 0.0317 | 0.01456 | 0.01156 | 0.16989 |
| 2010 Avg. | 24.475                    | 25.053  | 26.521  | 25.037  | 25.473  | 22.427  | 24.921  | 20.988 | 25.360  | 22.910  | 25.610 | 37.170  | 33.773  | 42.438  |
| 12/31/10  | 24.481                    | 25.058  | 26.592  | 25.038  | 25.477  | 22.431  | 24.924  | 20.989 | 25.362  | 22.912  | 25.612 | 37.170  | 33.773  | 42.438  |
| 1/1/11    | 24.509                    | 25.058  | 26.592  | 25.038  | 25.477  | 22.431  | 24.924  | 20.989 | 25.390  | 22.912  | 25.612 | 37.170  | 33.788  | 42.438  |
| 4/1/11    | 24.509                    | 25.058  | 26.592  | 25.038  | 25.477  | 22.431  | 24.924  | 20.989 | 25.390  | 22.912  | 25.612 | 37.170  | 33.788  | 42.438  |
| 7/1/11    | 24.771                    | 25.058  | 26.592  | 25.038  | 25.477  | 22.431  | 24.924  | 20.989 | 25.657  | 22.912  | 25.612 | 37.170  | 33.924  | 42.438  |
| 10/1/11   | 24.771                    | 25.058  | 26.592  | 25.038  | 25.477  | 22.431  | 24.924  | 20.989 | 25.657  | 22.912  | 25.612 | 37.170  | 33.924  | 42.438  |
| 1/1/12    | 24.771                    | 25.058  | 26.592  | 25.038  | 25.477  | 22.431  | 24.924  | 20.989 | 25.657  | 22.912  | 25.612 | 37.170  | 33.924  | 42.438  |
| 4/1/12    | 24.771                    | 25.058  | 26.592  | 25.038  | 25.477  | 22.431  | 24.924  | 20.989 | 25.657  | 22.912  | 25.612 | 37.170  | 33.924  | 42.438  |
| 7/1/12    | 24.771                    | 25.058  | 26.592  | 25.038  | 25.477  | 22.431  | 24.924  | 20.989 | 25.657  | 22.912  | 25.612 | 37.170  | 33.924  | 42.438  |

|           | Weighted Straight Time Hourly Rate |       |       |        |       |       |         |       |       | IBBM  | IBEW  | ATDA  | YDMSTR | OTHER |
|-----------|------------------------------------|-------|-------|--------|-------|-------|---------|-------|-------|-------|-------|-------|--------|-------|
|           | UTU                                | TCU   | BLET  | SMMWIA | BRS   | BMWWE | TCU-CAR | NCFO  | IAM   | IBBM  | IBEW  | ATDA  | YDMSTR | OTHER |
| 2010 Avg. | 5.698                              | 0.992 | 4.539 | 0.149  | 1.124 | 3.489 | 1.541   | 0.292 | 1.052 | 0.135 | 0.812 | 0.541 | 0.391  | 7.210 |
| 12/31/10  | 5.699                              | 0.992 | 4.551 | 0.149  | 1.124 | 3.489 | 1.541   | 0.292 | 1.052 | 0.135 | 0.812 | 0.541 | 0.391  | 7.210 |
| 1/1/11    | 5.706                              | 0.992 | 4.551 | 0.149  | 1.124 | 3.489 | 1.541   | 0.292 | 1.053 | 0.135 | 0.812 | 0.541 | 0.391  | 7.210 |
| 4/1/11    | 5.706                              | 0.992 | 4.551 | 0.149  | 1.124 | 3.489 | 1.541   | 0.292 | 1.053 | 0.135 | 0.812 | 0.541 | 0.391  | 7.210 |
| 7/1/11    | 5.767                              | 0.992 | 4.551 | 0.149  | 1.124 | 3.489 | 1.541   | 0.292 | 1.065 | 0.135 | 0.812 | 0.541 | 0.391  | 7.210 |
| 10/1/11   | 5.767                              | 0.992 | 4.551 | 0.149  | 1.124 | 3.489 | 1.541   | 0.292 | 1.065 | 0.135 | 0.812 | 0.541 | 0.391  | 7.210 |
| 1/1/12    | 5.767                              | 0.992 | 4.551 | 0.149  | 1.124 | 3.489 | 1.541   | 0.292 | 1.065 | 0.135 | 0.812 | 0.541 | 0.391  | 7.210 |
| 4/1/12    | 5.767                              | 0.992 | 4.551 | 0.149  | 1.124 | 3.489 | 1.541   | 0.292 | 1.065 | 0.135 | 0.812 | 0.541 | 0.391  | 7.210 |
| 7/1/12    | 5.767                              | 0.992 | 4.551 | 0.149  | 1.124 | 3.489 | 1.541   | 0.292 | 1.065 | 0.135 | 0.812 | 0.541 | 0.391  | 7.210 |

Note: The 2010 Average and 12/31/10 Straight Time Hourly Rates are the industry rates, and include all Class I railroad employees. The rates for 1/1/11 through 7/1/12 are based on the industry year-end rates updated by NATIONAL UNION wage increases using contract information. These national increases are diluted using "percent national" ratios to account for non-national union contracts. The impacts of non-national (or independent contract) increases after 2010 are not shown on this page and are handled separately.

# National Contracts U.S.

|           | Pay For Time Not Worked Hourly Rate |         |         |         |         |         |         |        |         |         | Check Sum |         |         |         |
|-----------|-------------------------------------|---------|---------|---------|---------|---------|---------|--------|---------|---------|-----------|---------|---------|---------|
|           | UTU                                 | TCU     | BLET    | SMWIA   | BRS     | BMWE    | TCU-CAR | NCFO   | IAM     | IBBM    | IBEW      | ATDA    | YDMSTR  | OTHER   |
| Weight    | 0.23281                             | 0.03958 | 0.17114 | 0.00596 | 0.04413 | 0.15555 | 0.06183 | 0.0139 | 0.04149 | 0.00588 | 0.0317    | 0.01456 | 0.01156 | 0.16989 |
| 2010 Avg. | 11.051                              | 5.359   | 11.271  | 4.144   | 5.780   | 4.363   | 4.312   | 3.535  | 4.741   | 3.716   | 5.076     | 6.828   | 9.317   | 1.375   |
| 12/31/10  | 11.053                              | 5.359   | 11.301  | 4.144   | 5.781   | 4.354   | 4.312   | 3.535  | 4.741   | 3.717   | 5.076     | 6.828   | 9.317   | 1.375   |
| 1/1/11    | 11.066                              | 5.359   | 11.301  | 4.144   | 5.781   | 4.354   | 4.312   | 3.535  | 4.746   | 3.717   | 5.076     | 6.828   | 9.321   | 1.375   |
| 4/1/11    | 11.066                              | 5.359   | 11.301  | 4.144   | 5.781   | 4.354   | 4.312   | 3.535  | 4.746   | 3.717   | 5.076     | 6.828   | 9.321   | 1.375   |
| 7/1/11    | 11.184                              | 5.359   | 11.301  | 4.144   | 5.781   | 4.354   | 4.312   | 3.535  | 4.796   | 3.717   | 5.076     | 6.828   | 9.358   | 1.375   |
| 10/1/11   | 11.184                              | 5.359   | 11.301  | 4.144   | 5.781   | 4.354   | 4.312   | 3.535  | 4.796   | 3.717   | 5.076     | 6.828   | 9.358   | 1.375   |
| 1/1/12    | 11.184                              | 5.359   | 11.301  | 4.144   | 5.781   | 4.354   | 4.312   | 3.535  | 4.796   | 3.717   | 5.076     | 6.828   | 9.358   | 1.375   |
| 4/1/12    | 11.184                              | 5.359   | 11.301  | 4.144   | 5.781   | 4.354   | 4.312   | 3.535  | 4.796   | 3.717   | 5.076     | 6.828   | 9.358   | 1.375   |
| 7/1/12    | 11.184                              | 5.359   | 11.301  | 4.144   | 5.781   | 4.354   | 4.312   | 3.535  | 4.796   | 3.717   | 5.076     | 6.828   | 9.358   | 1.375   |

|           | Pay For Time Not Worked Hourly Rate |       |       |       |       |       |         |       |       |       | Check Sum | Total |        |       |
|-----------|-------------------------------------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-----------|-------|--------|-------|
|           | UTU                                 | TCU   | BLET  | SMWIA | BRS   | BMWE  | TCU-CAR | NCFO  | IAM   | IBBM  | IBEW      | ATDA  | YDMSTR | Total |
| 2010 Avg. | 2.573                               | 0.212 | 1.929 | 0.025 | 0.255 | 0.677 | 0.267   | 0.049 | 0.197 | 0.022 | 0.161     | 0.099 | 0.108  | 0.234 |
| 12/31/10  | 2.573                               | 0.212 | 1.934 | 0.025 | 0.255 | 0.677 | 0.267   | 0.049 | 0.197 | 0.022 | 0.161     | 0.099 | 0.108  | 0.234 |
| 1/1/11    | 2.576                               | 0.212 | 1.934 | 0.025 | 0.255 | 0.677 | 0.267   | 0.049 | 0.197 | 0.022 | 0.161     | 0.099 | 0.108  | 0.234 |
| 4/1/11    | 2.576                               | 0.212 | 1.934 | 0.025 | 0.255 | 0.677 | 0.267   | 0.049 | 0.197 | 0.022 | 0.161     | 0.099 | 0.108  | 0.234 |
| 7/1/11    | 2.604                               | 0.212 | 1.934 | 0.025 | 0.255 | 0.677 | 0.267   | 0.049 | 0.199 | 0.022 | 0.161     | 0.099 | 0.108  | 0.234 |
| 10/1/11   | 2.604                               | 0.212 | 1.934 | 0.025 | 0.255 | 0.677 | 0.267   | 0.049 | 0.199 | 0.022 | 0.161     | 0.099 | 0.108  | 0.234 |
| 1/1/12    | 2.604                               | 0.212 | 1.934 | 0.025 | 0.255 | 0.677 | 0.267   | 0.049 | 0.199 | 0.022 | 0.161     | 0.099 | 0.108  | 0.234 |
| 4/1/12    | 2.604                               | 0.212 | 1.934 | 0.025 | 0.255 | 0.677 | 0.267   | 0.049 | 0.199 | 0.022 | 0.161     | 0.099 | 0.108  | 0.234 |
| 7/1/12    | 2.604                               | 0.212 | 1.934 | 0.025 | 0.255 | 0.677 | 0.267   | 0.049 | 0.199 | 0.022 | 0.161     | 0.099 | 0.108  | 0.234 |

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**UTU**

| <b>Percentage Increase</b> | <b>Cents Increase</b> | <b>Applicable</b> | <b>ST HR</b> | <b>PFTNW HR</b> |
|----------------------------|-----------------------|-------------------|--------------|-----------------|
| 2010 Industry Avg.         |                       |                   | 24.47539     | 11.05069        |
| 12/31/10 Industry Rate     |                       |                   | 24.48081     | 11.05314        |
| 1/1/11                     | 0.03000               | 93.597%           | 24.50889     | 11.06582        |
| 4/1/11                     |                       | 93.597%           | 24.50889     | 11.06582        |
| 7/1/11                     | 0.28000               | 93.597%           | 24.77096     | 11.18414        |
| 10/1/11                    |                       | 93.597%           | 24.77096     | 11.18414        |
| 1/1/12                     |                       | 93.597%           | 24.77096     | 11.18414        |
| 4/1/12                     |                       | 93.597%           | 24.77096     | 11.18414        |
| 7/1/12                     |                       | 93.597%           | 24.77096     | 11.18414        |

**TCU**

| <b>Percentage Increase</b> | <b>Cents Increase</b> | <b>Applicable</b> | <b>ST HR</b> | <b>PFTNW HR</b> |
|----------------------------|-----------------------|-------------------|--------------|-----------------|
| 2010 Industry Avg.         |                       |                   | 25.05340     | 5.35858         |
| 12/31/10 Industry Rate     |                       |                   | 25.05750     | 5.35946         |
| 1/1/11                     |                       | 87.095%           | 25.05750     | 5.35946         |
| 4/1/11                     |                       | 87.095%           | 25.05750     | 5.35946         |
| 7/1/11                     |                       | 87.095%           | 25.05750     | 5.35946         |
| 10/1/11                    |                       | 87.095%           | 25.05750     | 5.35946         |
| 1/1/12                     |                       | 87.095%           | 25.05750     | 5.35946         |
| 4/1/12                     |                       | 87.095%           | 25.05750     | 5.35946         |
| 7/1/12                     |                       | 87.095%           | 25.05750     | 5.35946         |

**BLET**

| <b>Percentage Increase</b> | <b>Cents Increase</b> | <b>Applicable</b> | <b>ST HR</b> | <b>PFTNW HR</b> |
|----------------------------|-----------------------|-------------------|--------------|-----------------|
| 2010 Industry Avg.         |                       |                   | 26.52100     | 11.27063        |
| 12/31/10 Industry Rate     |                       |                   | 26.59200     | 11.30080        |
| 1/1/11                     |                       | 32.076%           | 26.59200     | 11.30080        |
| 4/1/11                     |                       | 32.076%           | 26.59200     | 11.30080        |
| 7/1/11                     |                       | 32.076%           | 26.59200     | 11.30080        |
| 10/1/11                    |                       | 32.076%           | 26.59200     | 11.30080        |
| 1/1/12                     |                       | 32.076%           | 26.59200     | 11.30080        |
| 4/1/12                     |                       | 32.076%           | 26.59200     | 11.30080        |
| 7/1/12                     |                       | 32.076%           | 26.59200     | 11.30080        |

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**SMWIA**

| <b>Percentage Increase</b> | <b>Cents Increase</b> | <b>Applicable</b> | <b>ST HR</b> | <b>PFTNW HR</b> |
|----------------------------|-----------------------|-------------------|--------------|-----------------|
| 2010 Industry Avg.         |                       |                   | 25.03721     | 4.14375         |
| 12/31/10 Industry Rate     |                       |                   | 25.03817     | 4.14391         |
| 1/1/11                     | 97.862%               | 25.03817          | 4.14391      |                 |
| 4/1/11                     | 97.862%               | 25.03817          | 4.14391      |                 |
| 7/1/11                     | 97.862%               | 25.03817          | 4.14391      |                 |
| 10/1/11                    | 97.862%               | 25.03817          | 4.14391      |                 |
| 1/1/12                     | 97.862%               | 25.03817          | 4.14391      |                 |
| 4/1/12                     | 97.862%               | 25.03817          | 4.14391      |                 |
| 7/1/12                     | 97.862%               | 25.03817          | 4.14391      |                 |

**BRS**

| <b>Percentage Increase</b> | <b>Cents Increase</b> | <b>Applicable</b> | <b>ST HR</b> | <b>PFTNW HR</b> |
|----------------------------|-----------------------|-------------------|--------------|-----------------|
| 2010 Industry Avg.         |                       |                   | 25.47332     | 5.78027         |
| 12/31/10 Industry Rate     |                       |                   | 25.47727     | 5.78117         |
| 1/1/11                     | 89.391%               | 25.47727          | 5.78117      |                 |
| 4/1/11                     | 89.391%               | 25.47727          | 5.78117      |                 |
| 7/1/11                     | 89.391%               | 25.47727          | 5.78117      |                 |
| 10/1/11                    | 89.391%               | 25.47727          | 5.78117      |                 |
| 1/1/12                     | 89.391%               | 25.47727          | 5.78117      |                 |
| 4/1/12                     | 89.391%               | 25.47727          | 5.78117      |                 |
| 7/1/12                     | 89.391%               | 25.47727          | 5.78117      |                 |

**BMWE**

| <b>Percentage Increase</b> | <b>Cents Increase</b> | <b>Applicable</b> | <b>ST HR</b> | <b>PFTNW HR</b> |
|----------------------------|-----------------------|-------------------|--------------|-----------------|
| 2010 Industry Avg.         |                       |                   | 22.42672     | 4.35299         |
| 12/31/10 Industry Rate     |                       |                   | 22.43140     | 4.35390         |
| 1/1/11                     | 90.897%               | 22.43140          | 4.35390      |                 |
| 4/1/11                     | 90.897%               | 22.43140          | 4.35390      |                 |
| 7/1/11                     | 90.897%               | 22.43140          | 4.35390      |                 |
| 10/1/11                    | 90.897%               | 22.43140          | 4.35390      |                 |
| 1/1/12                     | 90.897%               | 22.43140          | 4.35390      |                 |
| 4/1/12                     | 90.897%               | 22.43140          | 4.35390      |                 |
| 7/1/12                     | 90.897%               | 22.43140          | 4.35390      |                 |

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**TCU-Carmen**

| <b>Percentage Increase</b> | <b>Cents Increase</b> | <b>Applicable</b> | <b>ST HR</b> | <b>PFTNW HR</b> |
|----------------------------|-----------------------|-------------------|--------------|-----------------|
| 2010 Industry Avg.         |                       |                   | 24.92128     | 4.31175         |
| 12/31/10 Industry Rate     |                       |                   | 24.92406     | 4.31224         |
| 1/1/11                     | 92.573%               | 24.92406          | 4.31224      |                 |
| 4/1/11                     | 92.573%               | 24.92406          | 4.31224      |                 |
| 7/1/11                     | 92.573%               | 24.92406          | 4.31224      |                 |
| 10/1/11                    | 92.573%               | 24.92406          | 4.31224      |                 |
| 1/1/12                     | 92.573%               | 24.92406          | 4.31224      |                 |
| 4/1/12                     | 92.573%               | 24.92406          | 4.31224      |                 |
| 7/1/12                     | 92.573%               | 24.92406          | 4.31224      |                 |

**NCFO**

| <b>Percentage Increase</b> | <b>Cents Increase</b> | <b>Applicable</b> | <b>ST HR</b> | <b>PFTNW HR</b> |
|----------------------------|-----------------------|-------------------|--------------|-----------------|
| 2010 Industry Avg.         |                       |                   | 20.98757     | 3.53498         |
| 12/31/10 Industry Rate     |                       |                   | 20.98883     | 3.53519         |
| 1/1/11                     | 95.566%               | 20.98883          | 3.53519      |                 |
| 4/1/11                     | 95.566%               | 20.98883          | 3.53519      |                 |
| 7/1/11                     | 95.566%               | 20.98883          | 3.53519      |                 |
| 10/1/11                    | 95.566%               | 20.98883          | 3.53519      |                 |
| 1/1/12                     | 95.566%               | 20.98883          | 3.53519      |                 |
| 4/1/12                     | 95.566%               | 20.98883          | 3.53519      |                 |
| 7/1/12                     | 95.566%               | 20.98883          | 3.53519      |                 |

**IAM**

| <b>Percentage Increase</b> | <b>Cents Increase</b> | <b>Applicable</b> | <b>ST HR</b> | <b>PFTNW HR</b> |
|----------------------------|-----------------------|-------------------|--------------|-----------------|
| 2010 Industry Avg.         |                       |                   | 25.36014     | 4.74064         |
| 12/31/10 Industry Rate     |                       |                   | 25.36177     | 4.74094         |
| 1/1/11                     | 0.03000               | 95.150%           | 25.39031     | 4.74628         |
| 4/1/11                     |                       | 95.150%           | 25.39031     | 4.74628         |
| 7/1/11                     | 0.28000               | 95.150%           | 25.65674     | 4.79608         |
| 10/1/11                    |                       | 95.150%           | 25.65674     | 4.79608         |
| 1/1/12                     |                       | 95.150%           | 25.65674     | 4.79608         |
| 4/1/12                     |                       | 95.150%           | 25.65674     | 4.79608         |
| 7/1/12                     |                       | 95.150%           | 25.65674     | 4.79608         |

**IBBM**

|                        | <b>Percentage Increase</b> | <b>Cents Increase</b> | <b>Applicable</b> | <b>ST HR</b> | <b>PFTNW HR</b> |
|------------------------|----------------------------|-----------------------|-------------------|--------------|-----------------|
| 2010 Industry Avg.     |                            |                       |                   | 22 91028     | 3 71641         |
| 12/31/10 Industry Rate |                            |                       |                   | 22.91198     | 3 71668         |
| 1/1/11                 |                            | 82.142%               | 22.91198          | 3.71668      |                 |
| 4/1/11                 |                            | 82.142%               | 22.91198          | 3.71668      |                 |
| 7/1/11                 |                            | 82.142%               | 22.91198          | 3 71668      |                 |
| 10/1/11                |                            | 82.142%               | 22.91198          | 3 71668      |                 |
| 1/1/12                 |                            | 82.142%               | 22.91198          | 3 71668      |                 |
| 4/1/12                 |                            | 82.142%               | 22.91198          | 3.71668      |                 |
| 7/1/12                 |                            | 82.142%               | 22.91198          | 3 71668      |                 |

**IBEW**

|                        | <b>Percentage Increase</b> | <b>Cents Increase</b> | <b>Applicable</b> | <b>ST HR</b> | <b>PFTNW HR</b> |
|------------------------|----------------------------|-----------------------|-------------------|--------------|-----------------|
| 2010 Industry Avg.     |                            |                       |                   | 25.61014     | 5.07565         |
| 12/31/10 Industry Rate |                            |                       |                   | 25.61209     | 5.07603         |
| 1/1/11                 |                            | 94.500%               | 25.61209          | 5.07603      |                 |
| 4/1/11                 |                            | 94.500%               | 25.61209          | 5.07603      |                 |
| 7/1/11                 |                            | 94.500%               | 25.61209          | 5.07603      |                 |
| 10/1/11                |                            | 94.500%               | 25.61209          | 5.07603      |                 |
| 1/1/12                 |                            | 94.500%               | 25.61209          | 5.07603      |                 |
| 4/1/12                 |                            | 94.500%               | 25.61209          | 5.07603      |                 |
| 7/1/12                 |                            | 94.500%               | 25.61209          | 5.07603      |                 |

**ATDA**

|                        | <b>Percentage Increase</b>   | <b>Cents Increase</b> | <b>Applicable</b> | <b>ST HR</b> | <b>PFTNW HR</b> |
|------------------------|--|-----------------------|-------------------|--------------|-----------------|
| 2010 Industry Avg.     |  |                       |                   | 37.17014     | 6.82812         |
| 12/31/10 Industry Rate |  |                       |                   | 37.17014     | 6.82812         |
| 1/1/11                 |  | 0.000%                | 37.17014          | 6.82812      |                 |
| 4/1/11                 |  | 0.000%                | 37.17014          | 6.82812      |                 |
| 7/1/11                 | Each railroad has been benchmarked as independent even though a national agreement was signed 9/1/07 |                       | 0.000%            | 37.17014     | 6.82812         |
| 10/1/11                |  | 0.000%                | 37.17014          | 6.82812      |                 |
| 1/1/12                 |  | 0.000%                | 37.17014          | 6.82812      |                 |
| 4/1/12                 |  | 0.000%                | 37.17014          | 6.82812      |                 |
| 7/1/12                 |  | 0.000%                | 37.17014          | 6.82812      |                 |

## YDMSTRS

|                        | Percentage Increase | Cents Increase | Applicable | ST HR    | PFTNW HR |
|------------------------|---------------------|----------------|------------|----------|----------|
| 2010 Industry Avg.     |                     |                |            | 33.77330 | 9.31659  |
| 12/31/10 Industry Rate |                     |                |            | 33.77330 | 9.31659  |
| 1/1/11                 | 0.03000             | 48.455%        | 33.78784   | 9.32060  |          |
| 4/1/11                 |                     | 48.455%        | 33.78784   | 9.32060  |          |
| 7/1/11                 | 0.28000             | 48.455%        | 33.92351   | 9.35802  |          |
| 10/1/11                |                     | 48.455%        | 33.92351   | 9.35802  |          |
| 1/1/12                 |                     | 48.455%        | 33.92351   | 9.35802  |          |
| 4/1/12                 |                     | 48.455%        | 33.92351   | 9.35802  |          |
| 7/1/12                 |                     | 48.455%        | 33.92351   | 9.35802  |          |

## OTHER

|                        | Percentage Increase | Cents Increase | Applicable | ST HR    | PFTNW HR |
|------------------------|---------------------|----------------|------------|----------|----------|
| 2010 Industry Avg.     |                     |                |            | 42.43806 | 1.37458  |
| 12/31/10 Industry Rate |                     |                |            | 42.43806 | 1.37458  |
| 1/1/11                 | 100.000%            | 42.43806       | 42.43806   | 1.37458  |          |
| 4/1/11                 | 100.000%            | 42.43806       | 42.43806   | 1.37458  |          |
| 7/1/11                 | 100.000%            | 42.43806       | 42.43806   | 1.37458  |          |
| 10/1/11                | 100.000%            | 42.43806       | 42.43806   | 1.37458  |          |
| 1/1/12                 | 100.000%            | 42.43806       | 42.43806   | 1.37458  |          |
| 4/1/12                 | 100.000%            | 42.43806       | 42.43806   | 1.37458  |          |
| 7/1/12                 | 100.000%            | 42.43806       | 42.43806   | 1.37458  |          |

## Check Sums

|  | Increase  | Applicable | ST HR      | PFTNW HR  |
|--|-----------|------------|------------|---|
| 2010 AVG   |           |            | 382.15794  | 80.85562  |
| 12/31/10   |           |            | 382.25738  |   |
| Should match check sum on National Increase Applicability for U.S. Total page. | 1099.302% |            |            | All three should match check sums on U.S. Benchmark page. |
|  |           | ok matches | ok matches | ok matches  |
|  |           |            | ok matches |   |

## U.S. 2010 Benchmark

|                    | From AAR 112-Class Wage Statistics & Survey |                 |               | Union L. Sum | ST \$ Adjusted to Exclude Lump Sums | 2010 Average Hourly Rates |            |                  | ST Hrs. 2010 Weights |  |  |
|--------------------|---|-----------------|---------------|--------------|-------------------------------------|---------------------------|------------|------------------|----------------------|--|--|
|                    | ST Hrs.                                     | ST \$           | PFTNW \$      |              |                                     | ST no LS PFTNW            |            | 12/31/2010 ST HR |                      |  |  |
|                    |   |                 |               |              |                                     | ST                        | LS         | PFTNW            |                      |  |  |
| UTU                | 67,066,266                                  | \$1,648,104,902 | \$741,128,640 | \$6,631,986  | \$1,641,472,916                     | \$24,475                  | \$11,051   | \$24,481         | 0.23281              |  |  |
| TCU                | 11,401,816                                  | 288,628,202     | 61,097,514    | 2,973,993    | 285,654,209                         | 25,053                    | 5,359      | 25,058           | 0.03958              |  |  |
| BLET               | 49,298,493                                  | 1,364,589,444   | 555,625,235   | 57,143,936   | 1,307,445,508                       | 26,521                    | 11,271     | 26,592           | 0.17114              |  |  |
| SMWIA              | 1,717,631                                   | 43,006,400      | 7,117,437     | 1,715        | 43,004,685                          | 25,037                    | 4,144      | 25,038           | 0.00596              |  |  |
| BRS                | 12,713,649                                  | 323,937,225     | 73,488,369    | 78,375       | 323,858,850                         | 25,473                    | 5,780      | 25,477           | 0.04413              |  |  |
| BMWE               | 44,810,098                                  | 1,009,545,458   | 195,058,027   | 4,601,925    | 1,004,943,533                       | 22,427                    | 4,353      | 22,431           | 0.15555              |  |  |
| TCU-CAR            | 17,812,565                                  | 444,009,235     | 76,803,394    | 97,298       | 443,911,937                         | 24,921                    | 4,312      | 24,924           | 0.06183              |  |  |
| NCFO               | 4,002,892                                   | 84,031,592      | 14,150,134    | 20,609       | 84,010,983                          | 20,988                    | 3,535      | 20,989           | 0.01390              |  |  |
| IAM                | 11,952,503                                  | 303,247,261     | 56,662,475    | 130,093      | 303,117,168                         | 25,360                    | 4,741      | 25,362           | 0.04149              |  |  |
| IBBM               | 1,693,432                                   | 38,915,205      | 6,293,481     | 118,201      | 38,797,004                          | 22,910                    | 3,716      | 22,912           | 0.00588              |  |  |
| IBEW               | 9,132,892                                   | 234,244,530     | 46,355,319    | 349,927      | 233,894,603                         | 25,610                    | 5,076      | 25,612           | 0.03170              |  |  |
| ATDA               | 4,194,809                                   | 160,163,509     | 28,642,650    | 4,241,878    | 155,921,631                         | 37,170                    | 6,828      | 37,170           | 0.01456              |  |  |
| UTU-YMD            | 3,330,799                                   | 113,412,705     | 31,031,676    | 920,634      | 112,492,071                         | 33,773                    | 9,317      | 33,773           | 0.01156              |  |  |
| OTHER              | 48,939,883                                  | 2,076,913,460   | 67,271,587    | 0            | 2,076,913,460                       | 42,438                    | 1,375      | 42,438           | 0.16989              |  |  |
| AAR 112 Total      | 288,067,728                                 | 8,132,749,128   | 1,960,725,938 | 77,310,570   | 8,055,438,558                       | 27,964                    | 6,806      | 27,979           | 1.00000              |  |  |
| Sum (for proofing) |   |                 |               |              |                                     | 382,157,94                | 80,855,562 | 382,257,38       |                      |  |  |

Year-End Figures are calculated, based on 2010 WS-112 and union contracts, in YearEnd2010.xls exhibited in document titled "Year-End 2010 ST Hourly Rates for U.S." The ST Hours Weights and the Hourly Rates are full float.

## National Increase Applicability for U.S. Total

| Union                     | Year 2010          |             | Not Part of National Agreements* |     |      |     |    |     |     |     |    |    | U.S. |     |     |    |     |    |                    |                   |                           |
|---------------------------|--------------------|-------------|----------------------------------|-----|------|-----|----|-----|-----|-----|----|----|------|-----|-----|----|-----|----|--------------------|-------------------|---------------------------|
|                           | U.S. Total         | ST Hours Pd | CSX                              | BLE | DMIR | GTW | IC | CCP | DWP | EJE | WC | NS | BNSF | KCS | SOO | DH | DME | UP | ST Hours Pd        | National Increase | Percent National Contract |
| UTU                       | 67,066,266         | -           | X                                | X   | X    | X   | X  | X   | X   | X   | X  | -  | -    | X   | X   | X  | X   | -  | 62,771,764         | 93.597%           |                           |
| TCU                       | 11,401,816         | -           | X                                | X   | X    | X   | X  | X   | X   | X   | X  | -  | -    | X   | X   | X  | X   | -  | 9,930,430          | 87.095%           |                           |
| BLET                      | 49,298,493         | X           | X                                | X   | X    | X   | X  | X   | X   | X   | X  | -  | -    | X   | X   | X  | X   | -  | 15,812,936         | 32.076%           |                           |
| SMW                       | 1,717,631          | -           | X                                | X   | X    | X   | X  | X   | X   | X   | X  | -  | -    | X   | X   | X  | X   | -  | 1,680,900          | 97.862%           |                           |
| BRS                       | 12,713,649         | -           | X                                | X   | X    | X   | X  | X   | X   | X   | X  | -  | -    | X   | X   | X  | X   | -  | 11,364,816         | 89.391%           |                           |
| BMWE                      | 44,810,098         | -           | X                                | X   | X    | X   | X  | X   | X   | X   | X  | -  | -    | X   | X   | X  | X   | -  | 40,730,816         | 90.897%           |                           |
| TCU-CAR                   | 17,812,565         | -           | X                                | X   | X    | X   | X  | X   | X   | X   | X  | -  | -    | X   | X   | X  | X   | -  | 16,489,686         | 92.573%           |                           |
| IBFO                      | 4,002,892          | -           | X                                | X   | X    | X   | X  | X   | X   | X   | X  | -  | -    | X   | X   | X  | X   | -  | 3,825,398          | 95.566%           |                           |
| IAM                       | 11,952,503         | -           | X                                | X   | X    | X   | X  | X   | X   | X   | X  | -  | -    | X   | X   | X  | X   | -  | 11,372,856         | 95.150%           |                           |
| IBBM                      | 1,693,432          | -           | X                                | X   | X    | X   | X  | X   | X   | X   | X  | -  | -    | X   | X   | X  | X   | -  | 1,391,012          | 82.142%           |                           |
| IBEW                      | 9,132,892          | -           | X                                | X   | X    | X   | X  | X   | X   | X   | X  | -  | -    | X   | X   | X  | X   | -  | 8,630,605          | 94.500%           |                           |
| ATDA                      | 4,194,809          | X           | X                                | X   | X    | X   | X  | X   | X   | X   | X  | -  | -    | X   | X   | X  | X   | -  | 0                  | 0.000%            |                           |
| UTU-YMD                   | 3,330,799          | X           | X                                | X   | X    | X   | X  | X   | X   | X   | X  | -  | -    | X   | X   | X  | X   | -  | 1,613,923          | 48.455%           |                           |
| OTHER                     | 48,939,883         | -           | -                                | -   | -    | -   | -  | -   | -   | -   | -  | -  | -    | -   | -   | -  | -   | -  | 48,939,883         | 100.000%          |                           |
| <b>TOTAL</b>              | <b>288,067,728</b> |             |                                  |     |      |     |    |     |     |     |    |    |      |     |     |    |     |    | <b>234,555,025</b> | <b>1099.302%</b>  |                           |
| <b>Sum (for proofing)</b> |                    |             |                                  |     |      |     |    |     |     |     |    |    |      |     |     |    |     |    |                    |                   |                           |

\* In some cases, a railroad union is part of the national agreement but is being benchmarked as independent in anticipation of future independent agreements or because of a variation in their interpretation of the agreement.

Statistics based on AAR's 2010 112-Class Wage Statistics and knowledge of contracts as of August 2011.

Percentages are full float.

ATDA (dispatchers) are independent for each railroad. Although BNSF, CSX, and KCS are participating in a national agreement, they are benchmarked as independent. NS is participating for H&W only. UP is non-union.

IC & UP dispatchers are non-union, and given same increases as non-union, but handled independently.

DH & DME are added to 2010 benchmark for SOO Corp. which includes DH, DME & SOO.

# NATIONAL RAILWAY LABOR CONFERENCE

ECONOMIC RESEARCH DEPARTMENT

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November 10, 2010

**January 1, 2011 Cost-of-Living Allowance**  
**Under 2005-Round National Agreements**  
**IAM, UTU, UTU-Yardmasters**

CIRCULAR NO. 848-7 (IAM)

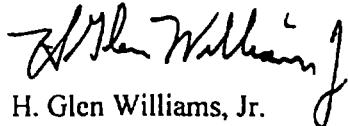
CIRCULAR NO. 855-7 (UTU, including YARDMASTERS)

**TO MEMBER ROADS:**

The 2005-Round National Agreements with the above-referenced organizations provide for a cost-of-living allowance to be payable on January 1, 2011. The COL adjustment will be three cents, calculated on the basis of the change in the CPI-W for the measurement period March 2010 to September 2010.

This COL adjustment will be rolled into basic rates of pay.

For all other organizations covered by the 2005-Round National Agreements, there are no COLA provisions for 2011 and beyond.



H. Glen Williams, Jr.

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April 15, 2011

**July 1, 2011 Cost-of-Living Allowance**  
**Under 2005-Round National Agreements**  
**IAM, UTU, UTU-Yardmasters**

CIRCULAR NO. 848-8 (IAM)

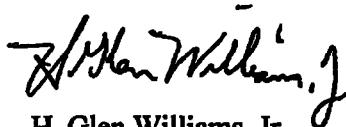
CIRCULAR NO. 855-8 (UTU, including YARDMASTERS)

**TO MEMBER ROADS:**

The 2005-Round National Agreements with the above-referenced organizations provide for a cost-of-living allowance to be payable on July 1, 2011. The COL adjustment will be twenty eight cents, calculated on the basis of the change in the CPI-W for the measurement period September 2010 to March 2011.

This COL adjustment will be rolled into basic rates of pay.

For all other organizations covered by the 2005-Round National Agreements, there are no COLA provisions for 2011 and beyond.



H. Glen Williams, Jr.

# P'E

0.015%

## The SmartMoney Report

### Headaches Over Homeowners Insurance Loom for Irene Victims

By QUENTIN FOTTRELL



Hurricane Irene isn't yet behind us. Up next: some 100,000 insurance claims covering as much as \$4 billion in damages. But as homeowners try to rebuild and recover, they may find a longer, more complicated—and more costly—claims process.

In recent years, insurance companies have started to pass more of the costs of natural disasters to policyholders. Many insurers now require mandatory hurricane deductibles in coastal areas; some have raised those deductibles from 1% or 2% to as high as 5% of a home's value.

"Families will have to dig deeper into their pockets," says J. Robert Hunter, director of insurance for the Consumer Federation of America.

Meanwhile, many homeowners are discovering that even with these deductibles, their policies may not cover all the damage caused by a hurricane or tropical storm.

These issues can make an already difficult situation tougher. Following Hurricane Katrina, a far more devastating storm than Irene, many homeowners complained about waiting months for their claims to be processed, according to the non-profit group Americans for Insurance Reform.

Slowing down the process was disagreement over what was wind damage and what was water damage, says Susan Voss, vice-president of the National Association of Insurance Commissioners.

Standard homeowners insurance typically covers damage from wind but not water; in the aftermath of a hurricane, it can be hard to tell which is which. And in some

#### Staking a Claim

**Paper-trail:** Photograph all damage and keep records of conversations with your insurer.

**Consult a contractor:** Before signing off, make sure there aren't any long-term structural problems ahead.

**Don't take "no":** If denied, demand that the company identify the relevant language in the policy.

mobile Insurance Co. says it has 1,700 agents and customer-service reps available if necessary. Travelers Cos. has established mobile claims offices along the East Coast to speed up the process, according to a company spokesman.

Some complications also arise from people not fully understanding their coverage. For instance, if strong winds tear through the roof of a house and lead to water damage, consumers without additional flood insurance will have to argue that it was wind—not subsequent flooding—that led to the damage. Another common mistake: Policy holders that have not reported home improvements to their insurance company may be underinsured.

For those who have suffered damage, experts recommend filing early and documenting everything. Mr. Hunter suggests keeping receipts for emergency repairs and hotel expenses if your house is uninhabitable.

He also says it pays to get a repair estimate from a trusted contractor to use as a guide in talking with the adjuster.

If the claim is denied or seems low, ask to see the language in your policy that served as the basis for denying your claim or offering so little, says Mr. Hunter: Those

| FUND              | NAV   | NET CHG | YTD % RET | FUND              | NAV   | NET CHG | YTD % RET | FUND               | NAV   | NET CHG | YTD % RET |
|-------------------|-------|---------|-----------|-------------------|-------|---------|-----------|--------------------|-------|---------|-----------|
| TotalStl          | 30.36 | +0.92   | -3.0      | InstlStlplus      | 27.47 | +0.82   | -3.0      | TotalStInst        | 30.37 | +0.91   | -3.0      |
| Vanguard InstlFds | 39.13 | +1.61   | -5.2      | MidCapInst        | 19.53 | +0.70   | -4.1      | Vanguard SignalFds | 92.39 | +2.56   | -2.5      |
| ExtndInst         | 11.24 | -0.05   | 10.3      | SmCapInst         | 32.87 | +1.42   | -5.5      | 500Sgl             | 10.70 | -       | 2.8       |
| InPrSeln          | 11.08 | +3.06   | -2.5      | TotalBdInst       | 10.93 | -0.03   | 5.4       | STBdIdx            | 10.93 | -0.03   | 5.4       |
| InstlIdx          | 11.09 | +3.07   | -2.5      | TotalIntlInstIdxr | 96.74 | +2.08   | -8.2      | TotalStSgl         | 29.31 | +0.88   | -3.0      |
| InstPlus          |       |         |           |                   |       |         |           |                    |       |         |           |

### Borrowing Benchmarks

#### Money Rates

August 29, 2011

Key annual interest rates paid to borrow or lend money in U.S. and international markets. Rates below are a guide to general levels but don't always represent actual transactions.

#### Inflation

| July index level | CHG FROM (%) June '11 | July '10 |
|------------------|-----------------------|----------|
|------------------|-----------------------|----------|

|                           |         |       |     |
|---------------------------|---------|-------|-----|
| U.S. consumer price index |         |       |     |
| All items                 | 225.922 | 0.089 | 3.6 |
| Core                      | 229.164 | 0.121 | 1.8 |

#### International rates

| Week latest | -52-WEEK ago | High | Low |
|-------------|--------------|------|-----|
|-------------|--------------|------|-----|

|             |       |       |       |      |
|-------------|-------|-------|-------|------|
| Prime rates |       |       |       |      |
| U.S.        | 3.25  | 3.25  | 3.25  |      |
| Canada      | 3.00  | 3.00  | 2.75  |      |
| Euro zone   | 1.50  | 1.50  | 1.00  |      |
| Japan       | 1.475 | 1.475 | 1.475 |      |
| Switzerland | 0.50  | 0.51  | 0.89  | 0.50 |
| Britain     | 0.50  | 0.50  | 0.50  |      |
| Australia   | 4.75  | 4.75  | 4.75  |      |

#### Overnight repurchase

|            |       |       |       |       |
|------------|-------|-------|-------|-------|
| U.S.       | 0.06  | 0.06  | 0.33  | 0.02  |
| U.K.(BBA)* | 0.545 | 0.545 | 0.570 | 0.495 |
| Euro zone  | 0.74  | 0.84  | 1.59  | 0.33  |

#### U.S. government rates

| Discount | 0.75 | 0.75 | 0.75 | 0.75 |
|----------|------|------|------|------|
|----------|------|------|------|------|

| Federal funds  |        |        |        |        |
|----------------|--------|--------|--------|--------|
| Effective rate | 0.09   | 0.09   | 0.22   | 0.05   |
| High           | 0.3125 | 0.3750 | 0.5000 | 0.2700 |
| Low            | 0.0100 | 0.0100 | 0.1600 | 0.0100 |
| Bid            | 0.1200 | 0.0500 | 0.2000 | 0.0100 |
| Offer          | 0.2800 | 0.1500 | 0.3750 | 0.0500 |

#### Treasury bill auction

|          |       |       |       |       |
|----------|-------|-------|-------|-------|
| 4 weeks  | 0.000 | 0.010 | 0.175 | 0.000 |
| 13 weeks | 0.015 | 0.015 | 0.180 | 0.015 |
| 26 weeks | 0.045 | 0.045 | 0.225 | 0.045 |

#### Secondary market

| Freddie Mac             |      |      |  |  |
|-------------------------|------|------|--|--|
| 30-year mortgage yields |      |      |  |  |
| 30 days                 | 3.76 | 3.60 |  |  |
| 60 days                 | 3.81 | 3.65 |  |  |

#### Fannie Mae

|                         |       |       |       |       |
|-------------------------|-------|-------|-------|-------|
| 30-year mortgage yields |       |       |       |       |
| 30 days                 | 3.743 | 3.650 | 4.857 | 3.575 |
| 60 days                 | 3.794 | 3.692 | 4.916 | 3.616 |

#### Bankers acceptance

|          |      |      |      |      |
|----------|------|------|------|------|
| 30 days  | 0.18 | 0.18 | 0.45 | 0.17 |
| 60 days  | 0.19 | 0.19 | 0.47 | 0.19 |
| 90 days  | 0.20 | 0.20 | 0.50 | 0.20 |
| 120 days | 0.25 | 0.25 | 0.55 | 0.23 |
| 150 days | 0.25 | 0.25 | 0.60 | 0.25 |
| 180 days | 0.33 | 0.33 | 0.65 | 0.33 |

#### Other short-term rates

| LATEST | Week | 52-WEEK |      |     |
|--------|------|---------|------|-----|
| Offer  | Bid  | ago     | high | low |

#### Eurodollars (mid-rates)

|            |      |      |      |      |      |
|------------|------|------|------|------|------|
| One month  | 0.08 | 0.20 | 0.14 | 0.33 | 0.14 |
| Two months | 0.12 | 0.26 | 0.18 | 0.38 | 0.18 |

**RCAF Lump Sum Amortization  
2011/Q4**

|                             | <b>Quarter<br/>of<br/>Payment</b> | <b>Quarter<br/>Amortization<br/>Began</b> | <b>Amount</b> | <b>Annual<br/>Per ST Hour</b> | <b>1 Quarter<br/>Per ST Hour</b> | <b>U.S.<br/>ST Hours</b> |  |
|-----------------------------|-----------------------------------|---|---------------|-------------------------------|----------------------------------|--------------------------|--|
| NS - BLE & ATDA             | 2011Q1                            | 2011Q2                                    | \$24,046,462  | 0.08348                       | 0.33390                          | 288,067,728              | 2010   |
| CSX - BLET                  | 2011Q1                            | 2011Q2                                    | \$39,137,961  | 0.13586                       | 0.54345                          | 288,067,728              | 2010   |
| BLE - BRS                   | 2011Q1                            | 2011Q2                                    | \$20,000      | 0.00007                       | 0.00028                          | 288,067,728              | 2010   |
| CNGT - various <sup>1</sup> | 2011Q3                            | 2011Q3                                    | \$810,000     | 0.00281                       | 0.01125                          | 288,067,728              | 2010   |
| DMIR - UTU                  | 2010Q4                            | 2011Q3                                    | \$286,800     | 0.00100                       | 0.00398                          | 288,067,728              | 2010   |
| Total                       |                                   |   | \$64,301,222  | 0.22322                       |                                  |                          |  |
|                             |                                   |   |               |                               |                                  |                          | Should be slightly less than amortized amount. |
| <i>Fell out</i>             |                                   |   |               |                               |                                  |                          |  |
| CSX - ATDA-East             | 2010Q1                            | 2010Q4                                    | \$832,590     | 0.00291                       | 0.01166                          | 285,665,673              | 2009   |

**Interest Rate**

|         |       |
|---------|-------|
| 2011/Q1 | 0.175 |
| 2011/Q2 | 0.145 |
| 2011/Q3 | 0.060 |
| 11/Q4   | 0.015 |
| 12/Q1   |       |
| 2012/Q2 |       |
| 2012/Q3 |       |
| 2012/Q4 |       |
| 2013/Q1 |       |
| 2013/Q2 |       |
| 2013/Q3 |       |
| 2013/Q4 |       |

|                                 |             |
|---------------------------------|-------------|
| Lump Sum Adjustment for 2011/Q4 | → 0.223285  |
|                                 | or<br>0.223 |

<sup>1</sup> BLE BMWE, IAM, IBEW, NCFO, TCU, TCU-CAR, UTU; DMIR IAM, IBBM, IBEW, SMW, TCU, TCU-CAR, UTU

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**SCHEDULE: NS BLET and ATDA**

Added 2011Q2

| Periods Remaining | 3 Mo Treas Bill Rate | Qty Int Rate | Principal Balance After Payment | Qtyly Payment | Interest Payment | Principal Payment |
|-------------------|----------------------|--------------|---------------------------------|---------------|------------------|-------------------|
| <b>Lump Sum</b>   |                      |              |                                 |               |                  |                   |
| 2011/Q2           | 4                    | 0.145        | 0.0363                          | \$0.25047     | \$0.08355        | \$0.00012         |
| 2011/Q3           | 3                    | 0.060        | 0.0150                          | \$0.16699     | \$0.08352        | \$0.00004         |
| 2011/Q4           | 2                    | 0.015        | 0.0038                          | \$0.08350     | \$0.08350        | \$0.00001         |
| 2012/Q1           | 1                    |              | 0.0000                          | \$0.00000     | \$0.08350        | \$0.00000         |
|                   |                      |              |                                 |               |                  | \$0.08350         |

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**SCHEDULE: CSX BLET**

Added 2011Q2

| Periods Remaining | 3 Mo Treas Bill Rate | Qty Int Rate | Principal Balance After Payment | Qtyly Payment | Interest Payment | Principal Payment |
|-------------------|----------------------|--------------|---------------------------------|---------------|------------------|-------------------|
| <b>Lump Sum</b>   |                      |              |                                 |               |                  |                   |
| 2011/Q2           | 4                    | 0.145        | 0.0363                          | \$0.40767     | \$0.13599        | \$0.00020         |
| 2011/Q3           | 3                    | 0.060        | 0.0150                          | \$0.27180     | \$0.13593        | \$0.00006         |
| 2011/Q4           | 2                    | 0.015        | 0.0038                          | \$0.13590     | \$0.13591        | \$0.00001         |
| 2012/Q1           | 1                    |              | 0.0000                          | \$0.00000     | \$0.13590        | \$0.00000         |
|                   |                      |              |                                 |               |                  | \$0.13590         |

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**SCHEDULE: BLE BRS**

Added 2011Q2

| Periods Remaining | 3 Mo Treas Bill Rate | Qty Int Rate | Principal Balance After Payment | Qtyly Payment | Interest Payment | Principal Payment |
|-------------------|----------------------|--------------|---------------------------------|---------------|------------------|-------------------|
| <b>Lump Sum</b>   |                      |              |                                 |               |                  |                   |
| 2011/Q2           | 4                    | 0.145        | 0.0363                          | \$0.00021     | \$0.00007        | \$0.00000         |
| 2011/Q3           | 3                    | 0.060        | 0.0150                          | \$0.00014     | \$0.00007        | \$0.00000         |
| 2011/Q4           | 2                    | 0.015        | 0.0038                          | \$0.00007     | \$0.00007        | \$0.00000         |
| 2012/Q1           | 1                    |              | 0.0000                          | \$0.00000     | \$0.00007        | \$0.00000         |
|                   |                      |              |                                 |               |                  | \$0.00007         |

**SCHEDULE: CNGT various unions<sup>2</sup>**

Added 2011Q3

|          | Periods Remaining | 3 Mo Treas Bill Rate | Qtyly Int Rate | Principal Balance After Payment | Qtyly Payment | Interest Payment | Principal Payment |
|----------|-------------------|----------------------|----------------|---------------------------------|---------------|------------------|-------------------|
| Lump Sum |                   |                      |                | \$0.01125                       |               |                  |                   |
| 2011/Q3  | 4                 | 0.060                | 0.0150         | \$0.00844                       | \$0.00281     | \$0.00000        | \$0.00281         |
| 2011/Q4  | 3                 | 0.015                | 0.0038         | \$0.00562                       | \$0.00281     | \$0.00000        | \$0.00281         |
| 2012/Q1  | 2                 |                      | 0.0000         | \$0.00281                       | \$0.00281     | \$0.00000        | \$0.00281         |
| 2012/Q2  | 1                 |                      | 0.0000         | \$0.00000                       | \$0.00281     | \$0.00000        | \$0.00281         |

**SCHEDULE: DMR UTU**

Added 2011Q3

|          | Periods Remaining | 3 Mo Treas Bill Rate | Qtyly Int Rate | Principal Balance After Payment | Qtyly Payment | Interest Payment | Principal Payment |
|----------|-------------------|----------------------|----------------|---------------------------------|---------------|------------------|-------------------|
| Lump Sum |                   |                      |                | \$0.00398                       |               |                  |                   |
| 2011/Q3  | 4                 | 0.060                | 0.0150         | \$0.00299                       | \$0.00100     | \$0.00000        | \$0.00100         |
| 2011/Q4  | 3                 | 0.015                | 0.0038         | \$0.00199                       | \$0.00100     | \$0.00000        | \$0.00100         |
| 2012/Q1  | 2                 |                      | 0.0000         | \$0.00100                       | \$0.00100     | \$0.00000        | \$0.00100         |
| 2012/Q2  | 1                 |                      | 0.0000         | \$0.00000                       | \$0.00100     | \$0.00000        | \$0.00100         |

**RCAF Back Pay Amortization**  
**2011/Q4**

|                            | Quarter<br>of<br>Payment | Quarter<br>Amortization<br>Began | Amount       | Annual<br>Per ST Hour | 1 Quarter<br>Per ST Hr. | U.S.<br>ST Hours |      |
|----------------------------|--------------------------|----------------------------------|--------------|-----------------------|-------------------------|------------------|------|
| IC&CCP - BLET              | Various                  | 2011Q2                           | \$9,686,893  | 0.03362714            | 0.13451                 | 288,067,728      | 2010 |
| DMIR - UTU                 | 2010Q3                   | 2011Q3                           | \$1,217,787  | 0.00422743            | 0.01691                 | 288,067,728      | 2010 |
| DMIR - UTU (wage increase) | 2010Q3                   | 2011Q4                           | \$23,163     | 0.00008041            | 0.00032                 | 288,067,728      | 2010 |
| Total                      |                          |                                  | \$10,927,843 | 0.03793498            |                         |                  |      |

Should be slightly less than amortized amount.

**Fell out**

None

**Interest Rate**

|         |       |
|---------|-------|
| 2011/Q1 | 0.175 |
| 2011/Q2 | 0.145 |
| 2011/Q3 | 0.060 |
| 2011/Q4 | 0.015 |
| 2012/Q1 |       |
| 2012/Q2 |       |
| 2012/Q3 |       |
| 2012/Q4 |       |
| 2013/Q1 |       |
| 2013/Q2 |       |
| 2013/Q3 |       |
| 2013/Q4 |       |

|                                 |           |
|---------------------------------|-----------|
| Back Pay Adjustment for 2011/Q4 | → 0.03795 |
|                                 | or        |
|                                 | 0.038     |

**SCHEDULE: IC&CCP BLET**

Added 2011Q2

|                 | Periods<br>Remain-<br>ing | 3 Mo<br>Treas<br>Bill<br>Rate | Qty<br>Int<br>Rate | Principal<br>Balance<br>After<br>Payment | Qty<br>Payment | Interest<br>Payment | Principal<br>Payment |
|-----------------|---------------------------|-------------------------------|--------------------|--|----------------|---------------------|----------------------|
| <b>Lump Sum</b> |                           |                               |                    |  |                |                     |                      |
| 2011/Q2         | 4                         | 0.145                         | 0.0363             | \$0.10090                                | \$0.03366      | \$0.00005           | \$0.03361            |
| 2011/Q3         | 3                         | 0.060                         | 0.0150             | \$0.06727                                | \$0.03364      | \$0.00002           | \$0.03363            |
| 2011/Q4         | 2                         | 0.015                         | 0.0038             | \$0.03364                                | \$0.03364      | \$0.00000           | \$0.03364            |
| 2012/Q1         | 1                         |                               | 0.0000             | \$0.00000                                | \$0.03364      | \$0.00000           | \$0.03364            |

**SCHEDULE: DMIUTU**

Added 2011Q3

|                 | Periods<br>Remain-<br>ing | 3 Mo<br>Treas<br>Bill<br>Rate | Qty<br>Int<br>Rate | Principal<br>Balance<br>After<br>Payment | Qty<br>Payment | Interest<br>Payment | Principal<br>Payment |
|-----------------|---------------------------|-------------------------------|--------------------|--|----------------|---------------------|----------------------|
| <b>Lump Sum</b> |                           |                               |                    |  |                |                     |                      |
| 2011/Q3         | 4                         | 0.060                         | 0.0150             | \$0.01268                                | \$0.00423      | \$0.00000           | \$0.00423            |
| 2011/Q4         | 3                         | 0.015                         | 0.0038             | \$0.00846                                | \$0.00423      | \$0.00000           | \$0.00423            |
| 2012/Q1         | 2                         |                               | 0.0000             | \$0.00423                                | \$0.00423      | \$0.00000           | \$0.00423            |
| 2012/Q2         | 1                         |                               | 0.0000             | \$0.00000                                | \$0.00423      | \$0.00000           | \$0.00423            |

**SCHEDULE: DMIUTU (Wage Increase)**

Added 2011Q4

|                 | Periods<br>Remain-<br>ing | 3 Mo<br>Treas<br>Bill<br>Rate | Qty<br>Int<br>Rate | Principal<br>Balance<br>After<br>Payment | Qty<br>Payment | Interest<br>Payment | Principal<br>Payment |
|-----------------|---------------------------|-------------------------------|--------------------|--|----------------|---------------------|----------------------|
| <b>Lump Sum</b> |                           |                               |                    |  |                |                     |                      |
| 2011/Q3         | 4                         | 0.060                         | 0.0150             | \$0.00024                                | \$0.00008      | \$0.00000           | \$0.00008            |
| 2011/Q4         | 3                         | 0.015                         | 0.0038             | \$0.00016                                | \$0.00008      | \$0.00000           | \$0.00008            |
| 2012/Q1         | 2                         |                               | 0.0000             | \$0.00008                                | \$0.00008      | \$0.00000           | \$0.00008            |
| 2012/Q2         | 1                         |                               | 0.0000             | \$0.00000                                | \$0.00008      | \$0.00000           | \$0.00008            |

## Health and Welfare

|  | Employees<br>Receiving |  | Total<br>2010<br>Avg | Total<br>2011                       |
|--|------------------------|--|----------------------|-------------------------------------|
|  | Pay<br>2010            | Monthly Contribution<br>2010 Avg. 2011 |                      |                                     |
| <b>1. All Employees</b>  |                        |  |                      |                                     |
| a. Group health  | 155,912                | \$1,305.91                             | \$1,401.06           | \$203,607,039.92                    |
| b. Group dental  | 155,912                | 57.29                                  | 59.47                | 8,932,198.48                        |
| c. Early retirement major medical  | 155,912                | 155.96                                 | 164.41               | 24,316,035.52                       |
| d. Group vision  | 155,912                | 10.41                                  | 10.46                | 1,623,043.92                        |
| <b>2. Supplemental Sickness</b>  |                        |  |                      |                                     |
| a. Signalmen   | 6,542                  | 8.65                                   | 25.62                | 56,588.30                           |
| b. Shopcrafts  | 23,575                 | 25.71                                  | 48.28                | 606,113.25                          |
| c. MOW   | 24,525                 | 24.90                                  | 36.52                | 610,672.50                          |
| d. Yardmasters   | 2,046                  | 32.16                                  | 33.48                | 65,799.36                           |
| <b>3. Short-Term Disability</b>  |                        |  |                      |                                     |
| a. Engineers (CSX, KCS, SOO, UP)   | 13,265                 | 40.00                                  | 40.00                | <u>530,600.00</u>                   |
| <b>4. Monthly Total Premiums</b>   |                        |  |                      | 240,348,091.25                      |
| <b>5. Monthly Employee Contributions To H&amp;W</b>                        |                        |  |                      |                                     |
| a. National BLET (BNSF, CSX, KCS, NS, UP)                                  | 23,489                 | (\$200.00)                             | (\$200.00)           | (\$4,697,800.00)                    |
| b. National BMWE (BNSF, CSX, KCS, NS, UP)                                  | 22,265                 | (\$200.00)                             | (\$200.00)           | (\$4,453,000.00)                    |
| c. National BRS (BNSF, CSX, KCS, NS, UP)                                   | 6,102                  | (\$200.00)                             | (\$200.00)           | (\$1,220,400.00)                    |
| d. National IAM (BNSF, CSX, KCS, NS, UP)                                   | 6,396                  | (\$200.00)                             | (\$202.84)           | (\$1,279,200.00)                    |
| e. National IBBM (BNSF, CSX, KCS, NS, UP)                                  | 815                    | (\$200.00)                             | (\$200.00)           | (\$163,000.00)                      |
| f. National IBEW (BNSF, CSX, KCS, NS, UP)                                  | 4,866                  | (\$200.00)                             | (\$200.00)           | (\$973,200.00)                      |
| g. National NCFO (BNSF, CSX, KCS, NS, UP)                                  | 2,170                  | (\$200.00)                             | (\$200.00)           | (\$434,000.00)                      |
| h. National SMW (BNSF, CSX, KCS, NS, UP)                                   | 948                    | (\$200.00)                             | (\$200.00)           | (\$189,600.00)                      |
| i. National TCU (BNSF, CSX, KCS, NS, UP)                                   | 5,932                  | (\$200.00)                             | (\$200.00)           | (\$1,186,400.00)                    |
| j. National TCU-CAR (BNSF, CSX, KCS, NS, UP)                               | 9,123                  | (\$200.00)                             | (\$200.00)           | (\$1,824,600.00)                    |
| k. National UTU (BNSF, CSX, KCS, NS, UP)                                   | 35,274                 | (\$200.00)                             | (\$202.90)           | (\$7,054,800.00)                    |
| l. National UTU-Yardmasters (BNSF, CSX, KCS, NS)                           | 1,467                  | (\$200.00)                             | (\$202.71)           | (\$293,400.00)                      |
| m. National ATDA (BNSF, KCS, NS, & CSX*)                                   | 1,676                  | (\$200.00)                             | (\$200.00)           | (\$335,200.00)                      |
| n. Independent CNGT (wt avg all 104 union categories)                      | 5,971                  | (\$117.48)                             | (\$120.48)           | (\$701,473.08)                      |
| o. Independent SLC (weighted average all 39 unions)                        | 3,593                  | (\$170.55)                             | (\$185.18)           | (\$612,786.15)                      |
| p. Independent UP (Yardmasters only)                                       | 417                    | (\$200.00)                             | (\$200.00)           | (\$83,400.00)                       |
| <b>Total Major Union</b>   | 130,504                |  |                      | (\$25,502,259.23) (\$25,697,172.63) |
| <b>All Other Employee Contributions**</b>                                  |                        |  |                      | (\$3,205,748.60) (\$3,205,748.60)   |
| <b>6. Net Employer Monthly Payments</b>                                    |                        |  |                      | \$211,640,083.42 \$228,876,123.69   |
| <b>7. Ratio Projected Year to Base Year, Based on Net Monthly Payments</b> |                        |  |                      | 1.08144                             |
| <b>8. H&amp;W hourly rate for base year</b>                                |                        |  |                      | \$7.989                             |
| <b>9. H&amp;W hourly rate for projected quarter</b>                        |                        |  |                      | <b>\$8.640</b>                      |

\* 70% of CSX Dispatchers participate in national agreement, remaining have independent agreement

\*\* Mostly non-union employee contributions. The \$25,502,259.23 in major union contributions, plus \$3,205,748.60 in all other employee contributions, totals to the 12-month average of the total employee contributions reported to the AAR in its WF survey.

# NATIONAL RAILWAY LABOR CONFERENCE

## EMPLOYEE BENEFITS DEPARTMENT

1901 L STREET, N.W., WASHINGTON, D.C. 20036-3514 ~~~ PHONE: (202) 862-7200 FAX: (202) 862-7253

DAVID B. MARCUS  
Director Employee Benefits  
(202) 862-7244  
E-mail: [sparks@rrnrlc.org](mailto:sparks@rrnrlc.org)

SUSAN E. PARKS, CEBS  
Benefits Administrator  
(202) 862-7225  
E-mail: [sparks@rrnrlc.org](mailto:sparks@rrnrlc.org)

November 4, 2010

Mr. Clyde Crimmel  
Director Statistical Information  
Policy & Communications Department  
AAR-5th Floor  
50 F Street N.W.  
Washington, D.C. 20009

Dear Mr. Crimmel:

The revised employer Payment Rates which are effective January 1, 2011 are as follows:

|  |            |
|--|------------|
| Aetna - Supplemental Sickness Plans                            |            |
| ShopCrafts   | \$ 48.28   |
| Signalmen  | \$ 25.62   |
| Maintenance of Way   | \$ 36.52   |
| Trustmark - Supplemental Sickness Plans                        |            |
| Yardmasters  | \$ 33.48   |
| Railroad Employees National Health & Welfare Plan &            |            |
| National Railway Carriers/United Transportation Union H&W Plan |            |
| Non-Hospital Road  | \$1,401.06 |
| Railroad Employees National Early Retirement                   |            |
| Major Medical Benefit Plan                                     |            |
| Non-Hospital Road  | \$ 164.41  |
| Aetna - National Dental Plan                                   | \$ 59.47   |
| VSP - National Vision Plan                                     | \$ 10.46   |

If you have any questions or need clarification, please contact me.

Very truly yours,

Susan E. Parks

cc: Glen Williams

# NATIONAL RAILWAY LABOR CONFERENCE

## EMPLOYEE BENEFITS DEPARTMENT

1901 L STREET, N.W., WASHINGTON, D.C. 20036-3514 ♦♦♦ PHONE: (202) 862-7200 FAX: (202) 862-7253

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SUSAN E. PARKS, CEBS

Benefits Administrator

(202) 862-7225

E-mail: [sparks@rrnrlc.org](mailto:sparks@rrnrlc.org)

November 9, 2009

Mr. Clyde Crimmel  
Director Statistical Information  
Policy & Communications Department  
AAR-5th Floor  
50 F Street N.W.  
Washington, D.C. 20009

Dear Mr. Crimmel:

The revised employer Payment Rates which are effective January 1, 2010 are as follows:

|  |            |
|--|------------|
| Aetna - Supplemental Sickness Plans                            |            |
| ShopCrafts   | \$ 25.71   |
| Signalmen  | \$ 8.65    |
| Maintenance of Way   | \$ 24.90   |
| Trustmark - Supplemental Sickness Plans                        |            |
| Yardmasters  | \$ 32.16   |
| Railroad Employees National Health & Welfare Plan &            |            |
| National Railway Carriers/United Transportation Union H&W Plan |            |
| Non-Hospital Road  | \$1,305.91 |
| Railroad Employees National Early Retirement                   |            |
| Major Medical Benefit Plan                                     |            |
| Non-Hospital Road  | \$ 155.96  |
| Aetna - National Dental Plan                                   | \$ 57.29   |
| VSP - National Vision Plan                                     | \$ 10.41   |

If you have any questions or need clarification, please contact me.

Very truly yours,

Susan E. Parks

cc: Glen Williams

# NATIONAL RAILWAY LABOR CONFERENCE

ECONOMIC RESEARCH DEPARTMENT

1901 L STREET, N.W., WASHINGTON, D.C. 20036-3514 ♦ ♦ PHONE: (202) 862-7200 FAX: (202) 862-7253

H. GLEN WILLIAMS Jr.  
Director Economic Research  
(202) 862-7232  
gwilliams@rrnrlc.org

November 10, 2010

**January 1, 2011 Health and Welfare Contributions**  
**Under 2005 Round National Agreements**  
**IAM, UTU, UTU-Yardmasters**

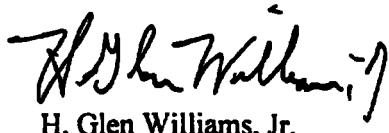
CIRCULAR NO. 504-101-25 (H&W)  
CIRCULAR NO. 848-6 (IAM)  
CIRCULAR NO. 855-6 (UTU, including YARDMASTERS)  
CIRCULAR NO. 844-6 (UTU H&W)

**TO MEMBER ROADS:**

The 2005 Round National Agreements with the above-referenced organizations provide for employee cost-sharing contributions to be adjusted on January 1, 2011. The applicable National Agreement sections and the amount of the employee monthly contributions effective January 1, 2011 are as follows:

| Organization    | 2005 Round National Agreement Reference | Employee Monthly Contribution |
|-----------------|---|-------------------------------|
| IAM             | Article IV, Part C, Sect. 1(a)          | \$202.84                      |
| UTU             | Article IV, Part C, Sect. 1(a)          | \$202.90                      |
| UTU-Yardmasters | Article IV, Part C, Sect. 1(a)          | \$202.71                      |

For all other organizations covered by the 2005-Round National Agreements, there are no changes in employee health and welfare cost sharing in 2011 and beyond.



H. Glen Williams, Jr.

# NATIONAL RAILWAY LABOR CONFERENCE

ECONOMIC RESEARCH DEPARTMENT

1901 L STREET, N.W., WASHINGTON, D.C. 20036-3514 ♦ ♦ PHONE: (202) 862-7200 FAX: (202) 862-7253

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H. GLEN WILLIAMS Jr.  
Director Economic Research  
(202) 862-7232  
[gwilliams@rrnrlc.org](mailto:gwilliams@rrnrlc.org)

November 5, 2009

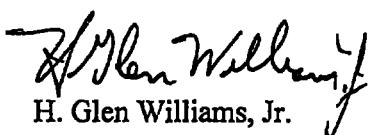
Health and Welfare Contributions  
Under 2004 Round National Agreements  
ATDA, BLET, BMWE, BRS, IAM, IBB,  
IBEW, NCFO, SMW, TCU, BRC, UTU, YDM

CIRCULAR NO. 504-101-24 (H&W)  
CIRCULAR NO. 844-5 (ATDA)  
CIRCULAR NO. 845-8 (BLET)  
CIRCULAR NO. 846-6 (BMWE)  
CIRCULAR NO. 847-6 (BRS)  
CIRCULAR NO. 848-5 (IAM)  
CIRCULAR NO. 849-8 (IBB)  
CIRCULAR NO. 850-5 (IBEW)  
CIRCULAR NO. 851-8 (NCFO)  
CIRCULAR NO. 852-8 (SMW)  
CIRCULAR NO. 853-5 (TCU)  
CIRCULAR NO. 854-5 (BRC)  
CIRCULAR NO. 855-5 (UTU/YDM)

TO MEMBER ROADS:

The 2004 Round National Agreements with the above-referenced organizations changed the method of calculating employee health and welfare cost-sharing contributions. Those agreements set employee cost-sharing effective January 1, 2010 as the lesser of 15% of the carriers' 2010 "Monthly Payment Rate" (as defined) or \$200. See Article IV (Article III for BRS) Part B of the agreements.

Effective January 1, 2010, the employee cost-sharing contribution under the applicable agreements will be capped at \$200 per month.



H. Glen Williams, Jr.

## Railroad Retirement and Medicare for RCAF

### Inputs:

|                                |        |  |          |
|--------------------------------|--------|--|----------|
| RRB Earnings Distribution Year | 2009   | Tier I Maximum Taxable Earnings for 2011   | 106,800  |
| Wage Statistics Year           | 2010   | Tier II Maximum Taxable Earnings for 2011  | 79,200   |
| Current year                   | 2011   | Medicare Maximum Taxable Earnings for 2011 | No Limit |
| Employees Receiving Pay        | 15,912 | Tier I Employer Tax Rate for 2011          | 6.20%    |
| from 2010 wage statistics      |        | Tier II Employer Tax Rate for 2011         | 12.0%    |
|                                |        | Medicare Employer Tax Rate for 2011        | 1.45%    |

| USA RCAF | Wage Rate | Update Factor | Railroad Retirement Tax | Hourly Rate |                                 |
|----------|-----------|---------------|-------------------------|-------------|---------------------------------|
| 2009     | \$34.444  |               |                         |             |                                 |
| 2010     | \$33.842  | 0.98252       | \$499,023,412           | \$7.036     | hourly rate from SUPPL2010.xlsx |
| 1Q/2011  | \$33.919  | 0.98476       | \$499,880,500           | \$7.048     | Rate = Taxable Rate             |
| 2Q/2011  | \$34.002  | 0.98717       | \$500,804,374           | \$7.061     |                                 |
| 3Q/2011  | \$34.284  | 0.99535       | \$503,943,320           | \$7.105     |                                 |
| 4Q/2011  | \$34.281  | 0.99527       | \$503,909,927           | \$7.105     |                                 |

Railroad Retirement & Medicare, U.S.

| 1Q/2011 Updated Using Earnings Distribution & Wage Statistics, plus Current Wage Rates with Current Tax Info |                   |                      |                      |                  |         |         |         |          |  |                      |
|--|-------------------|----------------------|----------------------|------------------|---------|---------|---------|----------|--|----------------------|
| From 2009 Earnings Distribution  |                   |                      | Employees Recvg. Pay |                  |         | Tier I  |         |          | Medicare Taxable                             |                      |
| Earnings Groups  | Avg Ann. Earnings | % of Total Employees | Annual Earnings      | Avg Qty Earnings | Taxable | Tier I  | Tier II | Taxable  | Total Taxable Earnings (Taxable x Employees) | Medicare             |
| \$0 - 41,699   | \$31,535          | 5.178 %              | 8,073                | \$31,054         | \$7,764 | \$7,764 | \$7,764 | \$62,676 | \$62,676,378                                 | \$62,676,378         |
| 41,700 - 43,699  | \$42,795          | 1.873 %              | 2,920                | 42,143           | 10,536  | 10,536  | 10,536  | 30,766   | 30,766,622                                   | 30,766,622           |
| 43,700 - 45,699  | \$44,897          | 1.429                | 2,228                | 44,213           | 11,053  | 11,053  | 11,053  | 24,626   | 24,626,266                                   | 24,626,266           |
| 45,700 - 47,699  | \$46,735          | 2.267                | 3,535                | 46,023           | 11,506  | 11,506  | 11,506  | 40,667   | 40,667,060                                   | 40,667,060           |
| 47,700 - 49,699  | \$48,824          | 4.830                | 7,531                | 48,080           | 12,020  | 12,020  | 12,020  | 90,516   | 90,516,864                                   | 90,516,864           |
| 49,700 - 51,699  | \$50,661          | 6,555                | 10,220               | 49,889           | 12,472  | 12,472  | 12,472  | 127,466  | 127,466,325                                  | 127,466,325          |
| 51,700 - 53,699  | \$52,641          | 4.781                | 7,454                | 51,839           | 12,960  | 12,960  | 12,960  | 96,603   | 96,603,283                                   | 96,603,283           |
| 53,700 - 55,699  | \$54,711          | 5,224                | 8,145                | 53,877           | 13,469  | 13,469  | 13,469  | 109,705  | 109,705,104                                  | 109,705,104          |
| 55,700 - 57,699  | \$56,595          | 4,879                | 7,607                | 55,732           | 13,933  | 13,933  | 13,933  | 105,988  | 105,988,292                                  | 105,988,292          |
| 57,700 - 59,699  | \$58,774          | 4,189                | 6,531                | 57,878           | 14,470  | 14,470  | 14,470  | 94,502   | 94,502,788                                   | 94,502,788           |
| 59,700 - 61,699  | \$60,748          | 3,499                | 5,455                | 59,822           | 14,956  | 14,956  | 14,956  | 81,587   | 81,587,746                                   | 81,587,746           |
| 61,700 - 63,699  | \$62,594          | 4,041                | 6,300                | 61,640           | 15,410  | 15,410  | 15,410  | 97,089   | 97,089,120                                   | 97,089,120           |
| 63,700 - 65,699  | \$64,703          | 3,647                | 5,686                | 63,717           | 15,929  | 15,929  | 15,929  | 90,575   | 90,575,177                                   | 90,575,177           |
| 65,700 - 67,699  | \$66,652          | 3,302                | 5,148                | 65,636           | 16,409  | 16,409  | 16,409  | 84,477   | 84,477,152                                   | 84,477,152           |
| 67,700 - 69,699  | \$68,715          | 3,450                | 5,379                | 67,668           | 16,917  | 16,917  | 16,917  | 90,995   | 90,995,446                                   | 90,995,446           |
| 69,700 - 71,699  | \$70,674          | 3,006                | 4,687                | 69,597           | 17,399  | 17,399  | 17,399  | 81,545   | 81,545,060                                   | 81,545,060           |
| 71,700 - 73,699  | \$72,704          | 3,056                | 4,765                | 71,596           | 17,899  | 17,899  | 17,899  | 85,282   | 85,282,646                                   | 85,282,646           |
| 73,700 - 75,699  | \$74,721          | 3,056                | 4,765                | 73,582           | 18,396  | 18,396  | 18,396  | 87,648   | 87,648,611                                   | 87,648,611           |
| 75,700 - 77,699  | \$76,655          | 1,922                | 2,997                | 75,487           | 18,872  | 18,872  | 18,872  | 56,551   | 56,551,338                                   | 56,551,338           |
| 77,700 - 79,699  | \$78,829          | 1,971                | 3,073                | 77,627           | 19,407  | 19,407  | 19,407  | 59,637   | 59,637,805                                   | 59,637,805           |
| 79,700 - 81,699  | \$80,635          | 2,070                | 3,227                | 79,406           | 19,851  | 19,851  | 19,851  | 64,068   | 64,068,263                                   | 64,068,263           |
| 81,700 - 83,699  | \$82,752          | 2,760                | 4,303                | 81,491           | 20,373  | 20,373  | 20,373  | 87,667   | 87,667,090                                   | 87,667,090           |
| 83,700 - 85,699  | \$84,688          | 2,316                | 3,611                | 83,397           | 20,849  | 20,849  | 20,849  | 75,285   | 75,285,171                                   | 75,285,171           |
| 85,700 - 87,699  | \$86,725          | 2,021                | 3,151                | 85,403           | 21,351  | 21,351  | 21,351  | 67,275   | 67,275,918                                   | 67,275,918           |
| 87,700 - 89,699  | \$88,638          | 1,676                | 2,613                | 87,287           | 21,822  | 21,822  | 21,822  | 57,022   | 57,022,069                                   | 57,022,069           |
| 89,700 - 91,699  | \$90,443          | 1,577                | 2,459                | 89,064           | 22,266  | 22,266  | 22,266  | 54,746   | 54,746,412                                   | 54,746,412           |
| 91,700 - 93,699  | \$92,780          | 1,084                | 1,690                | 91,366           | 22,841  | 22,841  | 22,841  | 38,604   | 38,604,031                                   | 38,604,031           |
| 93,700 - 95,699  | \$94,604          | 1,626                | 2,535                | 93,162           | 23,291  | 23,291  | 23,291  | 59,044   | 59,044,446                                   | 59,044,446           |
| 95,700 - 97,699  | \$96,820          | 1,281                | 1,997                | 95,344           | 23,836  | 23,836  | 23,836  | 47,606   | 47,606,167                                   | 47,606,167           |
| 97,700 - 99,699  | \$98,732          | 0,887                | 1,383                | 97,227           | 24,307  | 24,307  | 24,307  | 33,614   | 33,614,803                                   | 33,614,803           |
| 99,700 - 101,699   | \$100,935         | 0,789                | 1,230                | 99,397           | 24,849  | 24,849  | 24,849  | 30,568   | 30,568,055                                   | 30,568,055           |
| 101,700 - 103,699  | \$102,598         | 0,936                | 1,459                | 101,034          | 25,259  | 25,259  | 25,259  | 36,860   | 36,860,715                                   | 36,860,715           |
| 103,700 - 105,699  | \$104,735         | 0,591                | 921                  | 103,139          | 25,785  | 25,785  | 25,785  | 23,759   | 23,759,009                                   | 23,759,009           |
| 105,700 - 107,699  | \$106,640         | 1,134                | 1,768                | 105,015          | 26,254  | 26,254  | 26,254  | 46,417   | 46,417,549                                   | 46,417,549           |
| 107,700 - 109,699  | \$108,961         | 0,444                | 692                  | 107,300          | 26,825  | 26,825  | 26,825  | 18,483   | 18,483,056                                   | 18,483,056           |
| 109,700 - 111,699  | \$110,834         | 0,493                | 769                  | 109,145          | 27,286  | 27,286  | 27,286  | 20,522   | 20,522,852                                   | 20,522,852           |
| 111,700 - 113,699  | \$112,939         | 0,591                | 921                  | 111,218          | 27,804  | 27,804  | 27,804  | 24,602   | 24,602,446                                   | 24,602,446           |
| 113,700 - 115,699  | \$114,910         | 0,197                | 307                  | 113,159          | 28,290  | 26,700  | 19,800  | 8,200    | 8,200,815                                    | 8,200,815            |
| \$115,700 - over   | \$181,384         | 5,372                | 8,376                | 178,619          | 44,655  | 26,700  | 19,800  | 44,655   | <u>223,628,323</u>                           | <u>165,836,734</u>   |
| <b>TOTAL</b>   | <b>\$72,148</b>   | <b>100 000</b>       | <b>155,912</b>       |                  |         |         |         |          | <b>2,616,886,274</b>                         | <b>2,458,500,271</b> |
|  |                   |                      |                      |                  |         |         |         |          | <b>6.20%</b>                                 | <b>12.10%</b>        |
|  |                   |                      |                      |                  |         |         |         |          | <b>Employer Tax Rate</b>                     | <b>1.45%</b>         |
|  |                   |                      |                      |                  |         |         |         |          | <b>Quarterly Payment</b>                     | <b>\$40,155,018</b>  |
|  |                   |                      |                      |                  |         |         |         |          |  | <b>\$499,880,500</b> |

Total Tier I, Tier II, and Medicare Paid this Quarter

## Railroad Retirement & Medicare, U.S.

### From 2009 Earnings Distribution

| Earnings Groups   | Avg Ann. Earnings | % of Total Employees | Employees Recvg. Pay | Annual Earnings | Avg Qty Earnings | Tier I Taxable | Tier II Taxable | Medicare Taxable | Total Taxable      | Earnings (Taxable x Employees) | Medicare           |
|-------------------|-------------------|----------------------|----------------------|-----------------|------------------|----------------|-----------------|------------------|--------------------|--------------------------------|--------------------|
| \$0 - 41,699      | \$31,535          | 5.178 %              | 8,073                | \$31,130        | \$7,783          | \$7,783        | \$7,783         | \$7,783          | \$62,829,748       | \$62,829,748                   | \$62,829,748       |
| 41,700 - 43,699   | \$42,795          | 1.973                | 2,920                | 42,246          | 10,561           | 10,561         | 10,561          | 10,561           | 30,841,908         | 30,841,908                     | 30,841,908         |
| 43,700 - 45,699   | \$44,897          | 1.429                | 2,228                | 44,321          | 11,080           | 11,080         | 11,080          | 11,080           | 24,686,526         | 24,686,526                     | 24,686,526         |
| 45,700 - 47,699   | \$46,735          | 2.267                | 3,535                | 46,135          | 11,534           | 11,534         | 11,534          | 11,534           | 40,766,573         | 40,766,573                     | 40,766,573         |
| 47,700 - 49,699   | \$48,824          | 4.830                | 7,531                | 48,197          | 12,049           | 12,049         | 12,049          | 12,049           | 90,738,359         | 90,738,359                     | 90,738,359         |
| 49,700 - 51,699   | \$50,661          | 6.555                | 10,220               | 50,011          | 12,503           | 12,503         | 12,503          | 12,503           | 127,778,236        | 127,778,236                    | 127,778,236        |
| 51,700 - 53,699   | \$52,841          | 4.781                | 7,454                | 51,965          | 12,991           | 12,991         | 12,991          | 12,991           | 96,839,672         | 96,839,672                     | 96,839,672         |
| 53,700 - 55,699   | \$54,711          | 5.224                | 8,145                | 54,009          | 13,502           | 13,502         | 13,502          | 13,502           | 109,973,553        | 109,973,553                    | 109,973,553        |
| 55,700 - 57,699   | \$56,595          | 4.879                | 7,607                | 55,869          | 13,967           | 13,967         | 13,967          | 13,967           | 106,247,646        | 106,247,646                    | 106,247,646        |
| 57,700 - 59,699   | \$58,774          | 4.189                | 6,531                | 58,020          | 14,505           | 14,505         | 14,505          | 14,505           | 94,734,037         | 94,734,037                     | 94,734,037         |
| 59,700 - 61,699   | \$60,748          | 3,499                | 5,455                | 59,968          | 14,992           | 14,992         | 14,992          | 14,992           | 81,787,392         | 81,787,392                     | 81,787,392         |
| 61,700 - 63,699   | \$62,594          | 4.041                | 6,300                | 61,791          | 15,448           | 15,448         | 15,448          | 15,448           | 97,326,698         | 97,326,698                     | 97,326,698         |
| 63,700 - 65,699   | \$64,703          | 3,847                | 5,686                | 63,873          | 15,968           | 15,968         | 15,968          | 15,968           | 90,796,815         | 90,796,815                     | 90,796,815         |
| 65,700 - 67,699   | \$66,652          | 3,302                | 5,148                | 65,797          | 16,449           | 16,449         | 16,449          | 16,449           | 84,683,868         | 84,683,868                     | 84,683,868         |
| 67,700 - 69,699   | \$68,715          | 3,450                | 5,379                | 67,833          | 16,958           | 16,958         | 16,958          | 16,958           | 91,218,112         | 91,218,112                     | 91,218,112         |
| 69,700 - 71,699   | \$70,674          | 3,006                | 4,687                | 69,767          | 17,442           | 17,442         | 17,442          | 17,442           | 81,744,602         | 81,744,602                     | 81,744,602         |
| 71,700 - 73,699   | \$72,704          | 3,056                | 4,765                | 71,771          | 17,943           | 17,943         | 17,943          | 17,943           | 85,491,333         | 85,491,333                     | 85,491,333         |
| 73,700 - 75,699   | \$74,721          | 3,056                | 4,765                | 73,762          | 18,441           | 18,441         | 18,441          | 18,441           | 87,863,087         | 87,863,087                     | 87,863,087         |
| 75,700 - 77,699   | \$76,655          | 1,922                | 2,997                | 75,671          | 18,918           | 18,918         | 18,918          | 18,918           | 56,689,719         | 56,689,719                     | 56,689,719         |
| 77,700 - 79,699   | \$78,829          | 1,971                | 3,073                | 77,817          | 19,454           | 19,454         | 19,454          | 19,454           | 59,783,739         | 59,783,739                     | 59,783,739         |
| 79,700 - 81,699   | \$80,635          | 2,070                | 3,227                | 79,600          | 19,900           | 19,900         | 19,900          | 19,900           | 64,225,038         | 64,225,038                     | 64,225,038         |
| 81,700 - 83,699   | \$82,752          | 2,760                | 4,303                | 81,690          | 20,423           | 20,423         | 20,423          | 20,423           | 87,881,612         | 87,881,612                     | 87,881,612         |
| 83,700 - 85,699   | \$84,688          | 2,316                | 3,611                | 83,601          | 20,900           | 20,900         | 20,900          | 20,900           | 75,469,394         | 75,469,394                     | 75,469,394         |
| 85,700 - 87,699   | \$86,725          | 2,021                | 3,151                | 85,612          | 21,403           | 21,403         | 21,403          | 21,403           | 67,440,543         | 67,440,543                     | 67,440,543         |
| 87,700 - 89,699   | \$88,638          | 1,676                | 2,613                | 87,501          | 21,875           | 21,875         | 21,875          | 21,875           | 57,161,603         | 57,161,603                     | 57,161,603         |
| 89,700 - 91,699   | \$90,443          | 1,577                | 2,459                | 89,282          | 22,321           | 22,321         | 22,321          | 22,321           | 54,880,377         | 54,880,377                     | 54,880,377         |
| 91,700 - 93,699   | \$92,780          | 1,084                | 1,690                | 91,589          | 22,897           | 22,897         | 22,897          | 22,897           | 48,682,898         | 48,682,898                     | 48,682,898         |
| 93,700 - 95,699   | \$94,604          | 1,626                | 2,535                | 93,390          | 23,348           | 23,348         | 23,348          | 23,348           | 38,698,496         | 38,698,496                     | 38,698,496         |
| 95,700 - 97,699   | \$96,820          | 1,281                | 1,997                | 95,578          | 23,894           | 23,894         | 23,894          | 23,894           | 50,195,557         | 50,195,557                     | 50,195,557         |
| 97,700 - 99,699   | \$98,732          | 0,887                | 1,383                | 97,465          | 24,366           | 24,366         | 24,366          | 24,366           | 47,722,660         | 47,722,660                     | 47,722,660         |
| 99,700 - 101,699  | \$100,935         | 0,789                | 1,230                | 99,640          | 24,910           | 24,910         | 24,910          | 24,910           | 33,697,058         | 33,697,058                     | 33,697,058         |
| 101,700 - 103,699 | \$102,598         | 0,936                | 1,459                | 101,281         | 25,320           | 25,320         | 25,320          | 25,320           | 30,642,855         | 30,642,855                     | 30,642,855         |
| 103,700 - 105,699 | \$104,735         | 0,591                | 921                  | 103,391         | 25,848           | 25,848         | 25,848          | 25,848           | 23,817,148         | 23,817,148                     | 23,817,148         |
| 105,700 - 107,699 | \$106,640         | 1,134                | 1,768                | 105,272         | 26,318           | 26,318         | 26,318          | 26,318           | 46,531,133         | 46,531,133                     | 46,531,133         |
| 107,700 - 109,699 | \$108,961         | 0,444                | 692                  | 107,563         | 26,891           | 26,891         | 26,891          | 26,891           | 18,483,056         | 18,483,056                     | 18,483,056         |
| 109,700 - 111,699 | \$110,834         | 0,493                | 769                  | 109,412         | 27,353           | 27,353         | 27,353          | 27,353           | 20,522,852         | 20,522,852                     | 20,522,852         |
| 111,700 - 113,699 | \$112,939         | 0,591                | 111,490              | 27,872          | 26,700           | 26,700         | 26,700          | 26,700           | 18,244,510         | 18,244,510                     | 18,244,510         |
| 113,700 - 115,699 | \$114,910         | 0,197                | 307                  | 113,435         | 28,359           | 28,359         | 28,359          | 28,359           | 25,682,769         | 25,682,769                     | 25,682,769         |
| \$115,700 - over  | \$181,384         | 5,372                | 8,376                | 179,056         | 44,764           | 44,764         | 44,764          | 44,764           | 8,200,815          | 8,200,815                      | 8,200,815          |
| <b>TOTAL</b>      |                   | 100,000              | 155,912              |                 |                  |                |                 |                  | <b>165,836,734</b> | <b>165,836,734</b>             | <b>165,836,734</b> |

Total Tier I, Tier II, and Medicare Paid this Quarter  
 Total Taxable Earnings  
 Employer Tax Rate  
 Quarterly Payment

**\$500,804,374**

\$500,804,374

### Railroad Retirement & Medicare, U.S.

| From 2009 Earnings Distribution                              |                   |                      | 3Q/2011 Updated Using Earnings Distribution & Wage Statistics, plus Current Wage Rates with Current Tax Info |                 |                  |         |         |                  |  |              |
|--|-------------------|----------------------|--|-----------------|------------------|---------|---------|------------------|--|--------------|
| Earnings Groups  | Avg Ann. Earnings | % of Total Employees | Employees Recvg. Pay   | Annual Earnings | Avg Qty Earnings | Tier    | Tier II | Medicare Taxable | Total Taxable Earnings (Taxable x Employees) | Medicare     |
| \$0 - 41,699   | \$31,535          | 5,178 %              | 8,073  | \$31,389        | \$7,847          | \$7,847 | \$7,847 | \$63,350,834     | \$63,350,834                                 | \$63,350,834 |
| 41,700 - 43,699  | \$42,795          | 1,873                | 2,920  | 42,595          | 10,649           | 10,649  | 10,649  | 31,097,700       | 31,097,700                                   | 31,097,700   |
| 43,700 - 45,699  | \$44,897          | 1,429                | 2,228  | 44,688          | 11,172           | 11,172  | 11,172  | 24,891,267       | 24,891,267                                   | 24,891,267   |
| 45,700 - 47,699  | \$46,735          | 2,267                | 3,535  | 46,518          | 11,629           | 11,629  | 11,629  | 41,104,676       | 41,104,676                                   | 41,104,676   |
| 47,700 - 49,699  | \$48,824          | 4,830                | 7,531  | 48,597          | 12,149           | 12,149  | 12,149  | 91,490,909       | 91,490,909                                   | 91,490,909   |
| 49,700 - 51,699  | \$50,661          | 6,555                | 10,220   | 50,426          | 12,606           | 12,606  | 12,606  | 128,837,981      | 128,837,981                                  | 128,837,981  |
| 51,700 - 53,699  | \$52,641          | 4,781                | 7,454  | 52,396          | 13,099           | 13,099  | 13,099  | 97,642,824       | 97,642,824                                   | 97,642,824   |
| 53,700 - 55,699  | \$54,711          | 5,224                | 8,145  | 54,457          | 13,614           | 13,614  | 13,614  | 110,885,633      | 110,885,633                                  | 110,885,633  |
| 55,700 - 57,699  | \$56,595          | 4,879                | 7,607  | 56,332          | 14,083           | 14,083  | 14,083  | 107,128,824      | 107,128,824                                  | 107,128,824  |
| 57,700 - 59,699  | \$58,774          | 4,189                | 6,531  | 58,501          | 14,625           | 14,625  | 14,625  | 95,519,726       | 95,519,726                                   | 95,519,726   |
| 59,700 - 61,699  | \$60,748          | 3,499                | 5,455  | 60,466          | 15,116           | 15,116  | 15,116  | 82,465,706       | 82,465,706                                   | 82,465,706   |
| 61,700 - 63,699  | \$62,594          | 4,041                | 6,300  | 62,303          | 15,576           | 15,576  | 15,576  | 98,133,890       | 98,133,890                                   | 98,133,890   |
| 63,700 - 65,699  | \$64,703          | 3,647                | 5,686  | 64,402          | 16,101           | 16,101  | 16,101  | 91,549,850       | 91,549,850                                   | 91,549,850   |
| 65,700 - 67,699  | \$66,652          | 3,302                | 5,148  | 66,342          | 16,586           | 16,586  | 16,586  | 85,386,205       | 85,386,205                                   | 85,386,205   |
| 67,700 - 69,699  | \$68,715          | 3,450                | 5,379  | 68,396          | 17,099           | 17,099  | 17,099  | 91,974,641       | 91,974,641                                   | 91,974,641   |
| 69,700 - 71,699  | \$70,674          | 3,006                | 4,687  | 70,346          | 17,586           | 17,586  | 17,586  | 82,422,561       | 82,422,561                                   | 82,422,561   |
| 71,700 - 73,699  | \$72,704          | 3,056                | 4,765  | 72,366          | 18,092           | 18,092  | 18,092  | 86,200,367       | 86,200,367                                   | 86,200,367   |
| 73,700 - 75,699  | \$74,721          | 3,056                | 4,765  | 74,374          | 18,593           | 18,593  | 18,593  | 88,591,791       | 88,591,791                                   | 88,591,791   |
| 75,700 - 77,699  | \$76,655          | 1,922                | 2,997  | 76,299          | 19,075           | 19,075  | 19,075  | 57,159,883       | 57,159,883                                   | 57,159,883   |
| 77,700 - 79,699  | \$78,829          | 1,971                | 3,073  | 78,463          | 19,616           | 19,616  | 19,616  | 60,279,563       | 60,279,563                                   | 60,279,563   |
| 79,700 - 81,699  | \$80,635          | 2,070                | 3,227  | 80,260          | 20,065           | 20,065  | 20,065  | 64,757,697       | 64,757,697                                   | 64,757,697   |
| 81,700 - 83,699  | \$82,752          | 2,760                | 4,303  | 82,368          | 20,592           | 20,592  | 20,592  | 88,610,470       | 88,610,470                                   | 88,610,470   |
| 83,700 - 85,699  | \$84,688          | 2,316                | 3,611  | 84,295          | 21,074           | 21,074  | 21,074  | 76,095,310       | 76,095,310                                   | 76,095,310   |
| 85,700 - 87,699  | \$86,725          | 2,021                | 3,151  | 86,322          | 21,581           | 21,581  | 21,581  | 67,999,869       | 67,999,869                                   | 67,999,869   |
| 87,700 - 89,699  | \$88,638          | 1,676                | 2,613  | 88,226          | 22,057           | 22,057  | 22,057  | 57,635,680       | 57,635,680                                   | 57,635,680   |
| 89,700 - 91,699  | \$90,443          | 1,577                | 2,459  | 90,023          | 22,506           | 22,506  | 22,506  | 55,335,535       | 55,335,535                                   | 55,335,535   |
| 91,700 - 93,699  | \$92,780          | 1,084                | 1,690  | 92,349          | 23,087           | 23,087  | 23,087  | 39,019,447       | 39,019,447                                   | 39,019,447   |
| 93,700 - 95,699  | \$94,760          | 1,626                | 2,535  | 94,165          | 23,541           | 23,541  | 23,541  | 59,679,819       | 59,679,819                                   | 59,679,819   |
| 95,700 - 97,699  | \$96,820          | 1,281                | 1,997  | 96,370          | 24,093           | 24,093  | 24,093  | 48,118,454       | 48,118,454                                   | 48,118,454   |
| 97,700 - 99,699  | \$98,732          | 0,887                | 1,383  | 98,273          | 24,568           | 24,568  | 24,568  | 33,976,529       | 33,976,529                                   | 33,976,529   |
| 99,700 - 101,699   | \$100,935         | 0,789                | 1,230  | 100,466         | 25,117           | 25,117  | 25,117  | 30,896,995       | 30,896,995                                   | 30,896,995   |
| 101,700 - 103,699  | \$102,593         | 0,936                | 1,459  | 102,121         | 25,530           | 25,530  | 25,530  | 37,257,371       | 37,257,371                                   | 37,257,371   |
| 103,700 - 105,699  | \$104,735         | 0,591                | 921  | 104,248         | 26,062           | 26,062  | 26,062  | 24,014,678       | 24,014,678                                   | 24,014,678   |
| 105,700 - 107,699  | \$106,640         | 1,34                 | 1,768  | 106,145         | 26,536           | 26,536  | 26,536  | 46,917,045       | 46,917,045                                   | 46,917,045   |
| 107,700 - 109,699  | \$108,961         | 0,444                | 692  | 108,455         | 27,114           | 26,700  | 19,800  | 27,114           | 18,483,056                                   | 18,483,056   |
| 109,700 - 111,699  | \$110,834         | 0,493                | 769  | 110,319         | 27,580           | 26,700  | 19,800  | 27,580           | 20,522,852                                   | 20,522,852   |
| 111,700 - 113,699  | \$112,939         | 0,591                | 112,414  | 28,104          | 26,700           | 19,800  | 28,104  | 24,602,446       | 24,602,446                                   | 24,602,446   |
| 113,700 - 115,699  | \$114,910         | 0,197                | 307  | 114,376         | 28,594           | 26,700  | 19,800  | 28,594           | 6,081,503                                    | 6,081,503    |
| \$115,700 - over   | \$181,384         | 5,372                | 8,376  | 180,541         | 45,135           | 26,700  | 19,800  | 45,135           | 223,628,323                                  | 223,628,323  |
| <b>TOTAL</b>   |                   | 100,000              | 155,912  |                 |                  |         |         |                  |  |              |
| <b>Total Tier I, Tier II, and Medicare Paid this Quarter</b> |                   |                      |  |                 |                  |         |         |                  |  |              |
| <b>Employer Tax Rate</b>                                     |                   |                      |  |                 |                  |         |         |                  |  |              |
| <b>Quarterly Payment</b>                                     |                   |                      |  |                 |                  |         |         |                  |  |              |

Total Taxable Earnings  
Employer Tax Rate  
Quarterly Payment

\$161,867,222  
6.20%  
\$161,867,222

2,799,111,987  
12.10%  
2,799,111,987

1.45%

\$40,587,124  
\$40,587,124

\$503,943,320

### Railroad Retirement & Medicare, U.S.

| From 2009 Earnings Distribution |                   | 4Q/2011 Updated Using Earnings Distribution & Wage Statistics, plus Current Wage Rates with Current Tax Into |                       |                 |                  |                |                 |  |               |
|---------------------------------|-------------------|--|-----------------------|-----------------|------------------|----------------|-----------------|--|---------------|
| Earnings Groups                 | Avg Ann. Earnings | % of Total Employees   | Employees Recvng. Pay | Annual Earnings | Avg Qty Earnings | Tier I Taxable | Tier II Taxable | Total Taxable Earnings (Taxable x Employees) | Medicare      |
| \$0 - 41,699                    | \$31,535          | 5.178 %  | 8,073                 | \$31,386        | \$7,846          | \$7,846        | \$7,846         | \$63,345,291                                 | \$63,345,291  |
| 41,700 - 43,699                 | \$42,795          | 1.873  | 2,920                 | 42,592          | 10,648           | 10,648         | 10,648          | 31,094,979                                   | 31,094,979    |
| 43,700 - 45,699                 | \$44,897          | 1.429  | 2,228                 | 44,685          | 11,171           | 11,171         | 11,171          | 24,889,089                                   | 24,889,089    |
| 45,700 - 47,699                 | \$46,735          | 2.267  | 3,535                 | 46,514          | 11,628           | 11,628         | 11,628          | 41,101,079                                   | 41,101,079    |
| 47,700 - 49,699                 | \$48,824          | 4,830  | 7,531                 | 48,593          | 12,148           | 12,148         | 12,148          | 91,482,904                                   | 91,482,904    |
| 49,700 - 51,699                 | \$50,661          | 6,555  | 10,220                | 50,421          | 12,605           | 12,605         | 12,605          | 128,826,707                                  | 128,826,707   |
| 51,700 - 53,699                 | \$52,641          | 4,781  | 7,454                 | 52,392          | 13,098           | 13,098         | 13,098          | 97,634,280                                   | 97,634,280    |
| 53,700 - 55,699                 | \$54,711          | 5,224  | 8,145                 | 54,452          | 13,613           | 13,613         | 13,613          | 110,875,930                                  | 110,875,930   |
| 55,700 - 57,699                 | \$56,595          | 4,879  | 7,607                 | 56,327          | 14,082           | 14,082         | 14,082          | 107,119,450                                  | 107,119,450   |
| 57,700 - 59,699                 | \$58,774          | 4,189  | 6,531                 | 58,496          | 14,624           | 14,624         | 14,624          | 95,511,367                                   | 95,511,367    |
| 59,700 - 61,699                 | \$60,748          | 3,499  | 5,455                 | 60,461          | 15,115           | 15,115         | 15,115          | 82,458,490                                   | 82,458,490    |
| 61,700 - 63,699                 | \$62,594          | 4,041  | 6,300                 | 62,298          | 15,574           | 15,574         | 15,574          | 98,125,303                                   | 98,125,303    |
| 63,700 - 65,699                 | \$64,703          | 3,647  | 5,686                 | 64,397          | 16,099           | 16,099         | 16,099          | 91,541,839                                   | 91,541,839    |
| 65,700 - 67,699                 | \$66,652          | 3,302  | 5,148                 | 66,337          | 16,584           | 16,584         | 16,584          | 85,378,733                                   | 85,378,733    |
| 67,700 - 69,699                 | \$68,715          | 3,450  | 5,379                 | 68,390          | 17,097           | 17,097         | 17,097          | 91,966,593                                   | 91,966,593    |
| 69,700 - 71,699                 | \$70,674          | 3,006  | 4,687                 | 70,340          | 17,585           | 17,585         | 17,585          | 82,415,349                                   | 82,415,349    |
| 71,700 - 73,699                 | \$72,704          | 3,056  | 4,765                 | 72,360          | 18,090           | 18,090         | 18,090          | 86,192,824                                   | 86,192,824    |
| 73,700 - 75,699                 | \$74,721          | 3,056  | 4,765                 | 74,367          | 18,592           | 18,592         | 18,592          | 88,584,039                                   | 88,584,039    |
| 75,700 - 77,699                 | \$76,655          | 1,922  | 2,997                 | 76,292          | 19,073           | 19,073         | 19,073          | 57,154,881                                   | 57,154,881    |
| 77,700 - 79,699                 | \$78,829          | 1,971  | 3,073                 | 78,456          | 19,614           | 19,614         | 19,614          | 60,274,289                                   | 60,274,289    |
| 79,700 - 81,699                 | \$80,635          | 2,070  | 3,227                 | 80,253          | 20,063           | 20,063         | 20,063          | 64,752,030                                   | 64,752,030    |
| 81,700 - 83,699                 | \$82,752          | 2,760  | 4,303                 | 82,360          | 20,590           | 20,590         | 20,590          | 88,602,716                                   | 88,602,716    |
| 83,700 - 85,699                 | \$84,688          | 2,316  | 3,611                 | 84,287          | 21,072           | 19,800         | 21,072          | 76,088,651                                   | 76,088,651    |
| 85,700 - 87,699                 | \$86,725          | 2,021  | 3,151                 | 86,315          | 21,579           | 21,579         | 21,579          | 67,993,919                                   | 67,993,919    |
| 87,700 - 89,699                 | \$96,820          | 1,676  | 2,613                 | 88,219          | 22,055           | 19,800         | 22,055          | 57,630,636                                   | 57,630,636    |
| 89,700 - 91,699                 | \$90,443          | 1,577  | 2,459                 | 90,015          | 22,504           | 22,504         | 22,504          | 55,330,692                                   | 48,682,898    |
| 91,700 - 93,699                 | \$92,780          | 1,084  | 1,690                 | 92,341          | 23,085           | 19,800         | 23,085          | 39,016,032                                   | 33,463,704    |
| 93,700 - 95,699                 | \$94,604          | 1,626  | 2,535                 | 94,156          | 23,539           | 19,800         | 23,539          | 59,674,597                                   | 59,674,597    |
| 95,700 - 97,699                 | \$96,820          | 1,281  | 1,997                 | 96,362          | 24,090           | 24,090         | 24,090          | 48,114,243                                   | 39,545,208    |
| 97,700 - 99,699                 | \$98,732          | 0,887  | 1,383                 | 98,265          | 24,566           | 24,566         | 24,566          | 33,973,556                                   | 27,382,201    |
| 99,700 - 101,699                | \$100,935         | 0,789  | 1,230                 | 100,457         | 25,114           | 19,800         | 25,114          | 30,894,292                                   | 24,356,884    |
| 101,700 - 103,699               | \$102,598         | 0,936  | 1,459                 | 102,112         | 25,528           | 19,800         | 25,528          | 37,254,110                                   | 28,894,859    |
| 103,700 - 105,699               | \$104,735         | 0,591  | 921                   | 104,239         | 26,060           | 19,800         | 26,060          | 24,012,577                                   | 18,244,510    |
| 105,700 - 107,699               | \$106,640         | 1,134  | 1,768                 | 106,135         | 26,534           | 19,800         | 26,534          | 46,912,939                                   | 36,007,233    |
| 107,700 - 109,699               | \$108,961         | 0,444  | 692                   | 108,445         | 27,111           | 19,800         | 27,111          | 18,483,056                                   | 13,706,536    |
| 109,700 - 111,699               | \$110,834         | 0,493  | 769                   | 110,309         | 27,577           | 26,700         | 27,577          | 20,522,852                                   | 15,219,194    |
| 111,700 - 113,699               | \$112,939         | 0,591  | 921                   | 112,405         | 28,101           | 26,700         | 28,101          | 24,602,446                                   | 18,244,510    |
| 113,700 - 115,699               | \$114,910         | 0,197  | 307                   | 114,366         | 28,592           | 26,700         | 28,592          | 8,200,815                                    | 6,081,503     |
| \$115,700 - over                | \$181,384         | 5,372  | 8,376                 | 180,526         | 45,131           | 26,700         | 19,800          | 223,628,323                                  | 165,836,734   |
| <b>TOTAL</b>                    |                   | 100,000  | 155,912               |                 |                  |                |                 |  |               |
|                                 |                   |  |                       |                 |                  |                |                 | <b>Total Taxable Earnings</b>                | 2,641,661,900 |
|                                 |                   |  |                       |                 |                  |                |                 | <b>Employer Tax Rate</b>                     | 6.20%         |
|                                 |                   |  |                       |                 |                  |                |                 | <b>Quarterly Payment</b>                     | \$163,783,338 |

Total Tier I, Tier II, and Medicare Paid this Quarter

\$503,909,927

**Tax Rates and Maximum Taxable Earnings Under Social Security,  
Railroad Retirement and Railroad Unemployment Insurance Programs, Continued**

| Period         | Railroad Retirement       |        |                          |          |          | Railroad Unemployment Insurance  |                                 |                                 |                                 |                          | Unemployment Repayment      |  |
|----------------|---------------------------|--------|--------------------------|----------|----------|----------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------|-----------------------------|--|
|                | Maximum earnings base [4] |        | Tax rate (percent) [4]   |          |          | Maximum monthly taxable earnings | Employer tax rate [6] (percent) | Railroad Unemployment Insurance |                                 |                          | Tax [5]                     |  |
|                |                           |        | Tier 1                   | Tier 2   |          |                                  |                                 | Surcharge or (pooled credit)    | New employer tax rate (percent) | Maximum taxable earnings | Employer tax rate (percent) |  |
|                | Tier 1 [8]                | Tier 2 | Employer & employee each | Employer | Employee |                                  |                                 |                                 |                                 |                          |                             |  |
| 1991           | 53,400                    | 39,600 | 7 65                     | 16 1     | 4 9      | 765                              | 5 55 - 12 0                     |                                 | 8 00                            | 765                      | 4 0                         |  |
| 1992           | 55,500                    | 41,400 | 7 65                     | 16 1     | 4 9      | 785                              | 3 10 - 12 0                     | (3 12)                          | 8 00                            | 785                      | 4 0                         |  |
| 1993           | 57,600                    | 42,900 | 7 65                     | 16 1     | 4 9      | 810                              | 0 65 - 12 0                     | (5 31)                          | 7 30                            | 810                      | 4 0                         |  |
| 1994           | 60,600                    | 45,000 | 7 65                     | 16 1     | 4 9      | 840                              | 0 65 - 12 0                     | (0 22)                          | 6 06                            |                          |                             |  |
| 1995           | 61,200                    | 45,300 | 7 65                     | 16 1     | 4 9      | 850                              | 0 65 - 12 0                     |                                 | 4 15                            |                          |                             |  |
| 1996           | 62,700                    | 46,500 | 7 65                     | 16 1     | 4 9      | 865                              | 0 65 - 12 0                     |                                 | 2 31                            |                          |                             |  |
| 1997           | 65,400                    | 48,600 | 7 65                     | 16 1     | 4 9      | 890                              | 0 65 - 12 0                     |                                 | 1 16                            |                          |                             |  |
| 1998           | 68,400                    | 50,700 | 7 65                     | 16 1     | 4 9      | 925                              | 2 15 - 12 0                     | 1 5                             | 0 85                            |                          |                             |  |
| 1999           | 72,600                    | 53,700 | 7 65                     | 16 1     | 4 9      | 970                              | 2 15 - 12 0                     | 1 5                             | 0 92                            |                          |                             |  |
| 2000           | 76,200                    | 56,700 | 7 65                     | 16 1     | 4 9      | 1,005                            | 0 65 - 12 0                     |                                 | 1 67                            |                          |                             |  |
| 2001           | 80,400                    | 59,700 | 7 65                     | 16 1     | 4 9      | 1,050                            | 2 15 - 12 0                     | 1 5                             | 2 59                            |                          |                             |  |
| 2002           | 84,900                    | 63,000 | 7 65                     | 15 6     | 4 9      | 1,100                            | 3 15 - 12 0                     | 2 5                             | 2 71                            |                          |                             |  |
| 2003           | 87,000                    | 64,500 | 7 65                     | 14 2     | 4 9      | 1,120                            | 3 15 - 12 0                     | 2 5                             | 2 36                            |                          |                             |  |
| 2004           | 87,900                    | 65,100 | 7 65                     | 13 1     | 4 9      | 1,130                            | 2 15 - 12 0                     | 1 5                             | 2 38                            |                          |                             |  |
| 2005           | 90,000                    | 66,900 | 7 65                     | 12 6     | 4 4      | 1,150                            | 2 15 - 12 0                     | 1 5                             | 3 43                            |                          |                             |  |
| 2006           | 94,200                    | 69,900 | 7 65                     | 12 6     | 4 4      | 1,195                            | 2 15 - 12 0                     | 1 5                             | 4 03                            |                          |                             |  |
| 2007           | 97,500                    | 72,600 | 7 65                     | 12 1     | 3 9      | 1,230                            | 2 15 - 12 0                     | 1 5                             | 3 75                            |                          |                             |  |
| 2008           | 102,000                   | 75,900 | 7 65                     | 12 1     | 3 9      | 1,280                            | 2 15 - 12 0                     | 1 5                             | 3 02                            |                          |                             |  |
| 2009           | 106,800                   | 79,200 | 7 65                     | 12 1     | 3 9      | 1,330                            | 2 15 - 12 0                     | 1 5                             | 2 61                            |                          |                             |  |
| 2010           | 106,800                   | 79,200 | 7 65                     | 12 1     | 3 9      | 1,330                            | 2 15 - 12 0                     | 1 5                             | 2 51                            |                          |                             |  |
| 2011           | 106,800                   | 79,200 | 7 65                     | 12 1     | 3 9      | 1,330                            | 3 15 - 12 0                     | 2 5                             | 2 50                            |                          |                             |  |
| 2012 and later | [2]                       | [2]    | [3] 7 65                 | [9]      | [9]      | [2]                              | [6]                             | [6]                             | [6]                             |                          |                             |  |

1 Before tax credit Employees received a credit of 0 3 percent in 1984 The self-employed received a credit of 2 7 percent in 1984, 2 3 percent in 1985 and 2 0 percent in 1986-89

2 Based on automatic adjustments in proportion to increases in average earnings levels

3 Beginning in 2013, employees will pay an additional 0 9 percent on earnings above \$200,000 (for those who file an individual return) or \$250,000 (for those who file a joint return)

4 Earnings bases are monthly through 1984 and annual for 1985 and later October 1, 1973 was the effective date for the allocation of railroad retirement taxes by tiers, subject to a moratorium for certain railroad labor organizations The tier 1 tax rate was set equal to the current social security tax rate

5 This temporary tax applied to employers until all pre-October 1985 loans from the Railroad Retirement Account were fully repaid with interest on June 29, 1993 Earnings bases are annual through 1988 and monthly for 1989-1993

6 Taxes are paid only by employer From 1948 through 1988, the rate for a calendar year was based on a graduated schedule depending on the preceding September 30 account balance (including administration fund) Except for certain commuter railroads, the rate for 1989-1990 was fixed at 8 0 percent Beginning in 1991, each employer's rate is experience-based, with a minimum of 0 65 percent and a maximum of 12 percent, or 12 5 percent if a 3 5 percent surcharge applies due to a low account balance

7 Taxes are paid only by employers The supplemental annuity tax was repealed for calendar years after 2001

8 Beginning in 1991, the portion of the tier 1 tax rate which does not exceed the social security HI tax rate is applied to earnings up to the HI maximum taxable amount In 1993, a 1 45 percent tax applied to earnings up to \$135,000 and a 6 2 percent tax applied to earnings up to \$57,600

9 Beginning in 2004, the tier 2 tax rate will be determined annually from a tax rate schedule based on the average account benefits ratio The average account benefits ratio is the average for the 10 fiscal years preceding the calendar year of the ratio of the fair market value of the assets in the Railroad Retirement Account and the National Railroad Retirement Investment Trust as of the close of each fiscal year to the total benefits and administrative expenses paid from those accounts during the fiscal year Employer tax rates can range from 8 2 percent to 22 1 percent Employee tax rates can range from 0 percent to 4 9 percent

## RCAF Unemployment Insurance Tax

| Unemployment Ins.      |                  | RRB<br>Sample<br>Year | Factor<br>To Update<br>RRB Sample | Avg. Ann.<br>Taxable<br>Earnings | Un. Ins.<br>Hourly<br>Rate |
|------------------------|------------------|-----------------------|-----------------------------------|----------------------------------|----------------------------|
| Tax<br>Rate            | Earnings<br>Base |                       |                                   |                                  |                            |
| <b>\$29.465 (2006)</b> |                  |                       |                                   |                                  |                            |
| 2007 Avg.              | 2.47%            | \$14,760              | \$30.806                          | 1.045512                         | \$0.192                    |
| <b>3Q/08 reb</b>       | <b>2.48%</b>     | <b>\$15,360</b>       | <b>\$32.327</b>                   | <b>1.097132</b>                  | <b>\$0.201</b>             |
| <b>4Q/08</b>           | <b>2.48%</b>     | <b>\$15,360</b>       | <b>\$33.207</b>                   | <b>1.126998</b>                  | <b>\$0.201</b>             |
| <b>1Q/09</b>           | <b>2.47%</b>     | <b>\$15,960</b>       | <b>\$33.561</b>                   | <b>1.139012</b>                  | <b>\$0.208</b>             |
| <b>2Q/09</b>           | <b>2.47%</b>     | <b>\$15,960</b>       | <b>\$33.672</b>                   | <b>1.142780</b>                  | <b>\$0.208</b>             |
| <b>3Q/09</b>           | <b>2.47%</b>     | <b>\$15,960</b>       | <b>\$34.857</b>                   | <b>1.182997</b>                  | <b>\$0.208</b>             |
| <b>\$30.806 (2007)</b> |                  |                       |                                   |                                  |                            |
| 2008 Avg.              | 2.48%            | \$15,360              | \$32.537                          | 1.056190                         | \$0.201                    |
| <b>3Q/09 reb</b>       | <b>2.47%</b>     | <b>\$15,960</b>       | <b>\$35.600</b>                   | <b>1.155619</b>                  | <b>\$0.208</b>             |
| <b>4Q/09</b>           | <b>2.47%</b>     | <b>\$15,960</b>       | <b>\$34.822</b>                   | <b>1.130364</b>                  | <b>\$0.208</b>             |
| <b>1Q/10</b>           | <b>3.26%</b>     | <b>\$15,960</b>       | <b>\$34.810</b>                   | <b>1.129975</b>                  | <b>\$0.275</b>             |
| <b>2Q/10</b>           | <b>3.26%</b>     | <b>\$15,960</b>       | <b>\$34.787</b>                   | <b>1.129228</b>                  | <b>\$0.275</b>             |
| <b>3Q/10</b>           | <b>3.26%</b>     | <b>\$15,960</b>       | <b>\$34.676</b>                   | <b>1.125625</b>                  | <b>\$0.275</b>             |
| <b>\$32.537 (2008)</b> |                  |                       |                                   |                                  |                            |
| 2009 Avg.              | 2.47%            | \$15,960              | \$34.444                          | 1.058610                         | \$0.211                    |
| <b>3Q/10 reb</b>       | <b>3.26%</b>     | <b>\$15,960</b>       | <b>\$35.003</b>                   | <b>1.075791</b>                  | <b>\$0.279</b>             |
| <b>4Q/10</b>           | <b>3.26%</b>     | <b>\$15,960</b>       | <b>\$35.003</b>                   | <b>1.075791</b>                  | <b>\$0.279</b>             |
| <b>1Q/11</b>           | <b>7.09%</b>     | <b>\$15,960</b>       | <b>\$35.058</b>                   | <b>1.077481</b>                  | <b>\$0.606</b>             |
| <b>2Q/11</b>           | <b>7.09%</b>     | <b>\$15,960</b>       | <b>\$35.143</b>                   | <b>1.080093</b>                  | <b>\$0.606</b>             |
| <b>3Q/11</b>           | <b>7.09%</b>     | <b>\$15,960</b>       | <b>\$35.422</b>                   | <b>1.088668</b>                  | <b>\$0.606</b>             |
| <b>\$34.444 (2009)</b> |                  |                       |                                   |                                  |                            |
| 2010 Avg.              | 3.26%            | \$15,960              | \$33.842                          | 0.982522                         | \$0.275                    |
| <b>3Q/11 reb.</b>      | <b>7.10%</b>     | <b>\$15,960</b>       | <b>\$34.284</b>                   | <b>0.995355</b>                  | <b>\$0.599</b>             |
| <b>4Q/11</b>           | <b>7.10%</b>     | <b>\$15,960</b>       | <b>\$34.281</b>                   | <b>0.995268</b>                  | <b>\$0.599</b>             |
| <b>1Q/12</b>           |                  |                       |                                   | <b>0.000000</b>                  | <b>\$0.000</b>             |
| <b>2Q/12</b>           |                  |                       |                                   | <b>0.000000</b>                  | <b>\$0.000</b>             |
| <b>3Q/12</b>           |                  |                       |                                   | <b>0.000000</b>                  | <b>\$0.000</b>             |

Note: Average Annual Taxable Earnings is calculated from the RRB 1% sample data, by multiplying the average annual earnings in the file times the "Factor", and limiting the amount to the earnings base. Thus, the annual hourly earnings used for the calculation of the Factor is for the RRB sample year, and the Factor brings the earnings in the RRB 1% sample file to the current quarter's level.



## MEMORANDUM

**TO:** File  
**FROM:** Shou-Lien Liu  
**cc:** Clyde Crimmel  
**DATE:** November 29, 2010  
**RE:** Unemployment Insurance Tax Rate for 2011

---

Unemployment Insurance rates for 2011 can range from a minimum of 0.65 percent to a maximum of 12 percent on monthly earnings up to \$1,330. A 2.5 percentage point surcharge will be in effect for 2011, meaning the minimum tax rate is effectively 3.15 percent. Marla Huddleston, Chief, Division of Benefit and Employment Analysis at the Railroad Retirement Board, said in her November 10 e-mail that the weighted average 2011 Unemployment Insurance rate for Class I railroads is **7.09 percent**, and the rate is 7.10 percent if Delaware and Hudson Railway (D&H) and Dakota, Minnesota & Eastern Railroad Corporation (DME) are included. In addition, she said since Iowa, Chicago & Eastern Railroad Corporation (ICE) is a subsidiary of Dakota, Minnesota & Eastern Railroad Corporation, for experience rating purposes, ICE was not given an individual contribution rate.

For the first three quarters of 2011, the AAR will use 7.09 percent for the Unemployment Insurance tax rate, since the D&H and DME are not included in our 2009 benchmark statistics. Beginning with the fourth quarter 2011 rebenchmark to 2010 data, 7.10 percent will be used since D&H and DME will be included in the 2010 benchmark.

=====

TOTAL GROSS EARNINGS AND AVERAGE GROSS EARNINGS-2009 RRB File  
The SAS System 16:33 Monday, August 15, 2011 1

The MEANS Procedure

| Variable | N    | Sum         | Mean     |
|----------|------|-------------|----------|
| ANUAL_US | 2605 | 39197560.46 | 15047.05 |
| QTRLY_US | 2605 | 39216110.63 | 15054.17 |

The SAS System  
Factors and Caps 2010 and 2011Q3 Restated

16:33 Monday, August 15, 2011 2

The MEANS Procedure

| Variable | N    | Sum         | Mean      |
|----------|------|-------------|-----------|
| FactorA  | 2605 | 2559.47     | 0.9825220 |
| FactorQ  | 2605 | 2592.90     | 0.9953550 |
| Capa     | 2605 | 41575800.00 | 15960.00  |
| Capq     | 2605 | 41575800.00 | 15960.00  |

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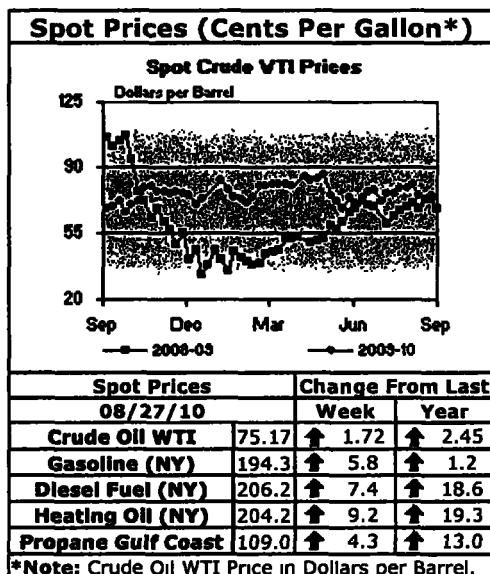
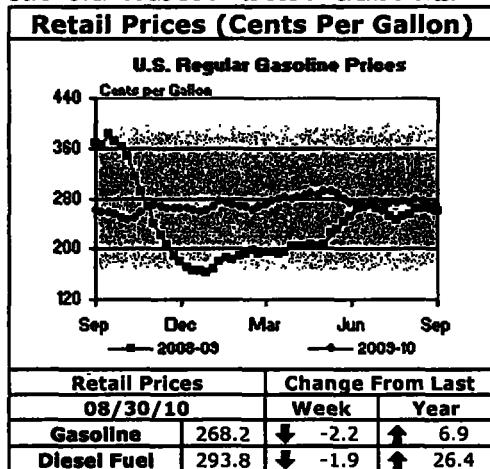
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Released on September 1, 2010  
(Next Release on September 9, 2010)

### Gasoline Prices at Summer Low before Labor Day Weekend

Heading into the Labor Day holiday weekend, U.S. retail gasoline prices have fallen for three weeks in a row, currently averaging \$2.68 per gallon, the lowest level of the 2010 peak summer driving season, and the second lowest price at this point in the past five summers (Figure 1). This year, prices peaked on May 10 at \$2.91 per gallon. Compared to price variation experienced over recent summers, gasoline prices have moved in a narrow range during this summer's driving season (Figure 2).

Figure 1. Regular Gasoline Retail Prices around Labor Day, 2006-2010

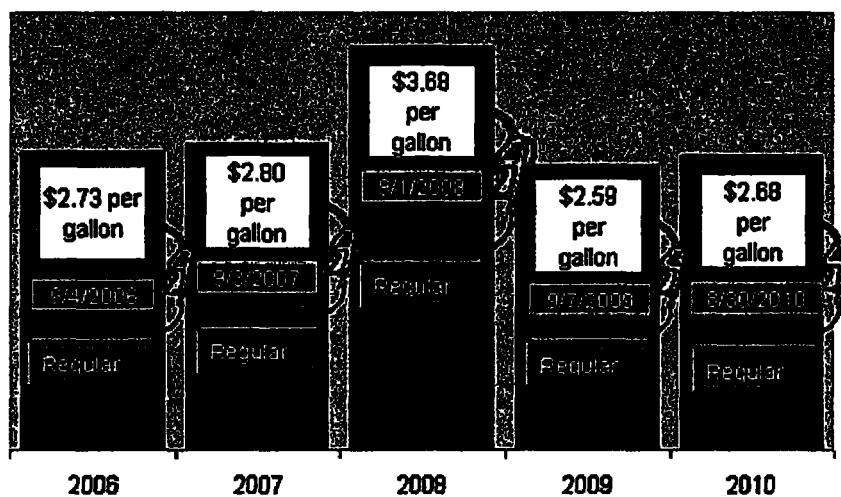
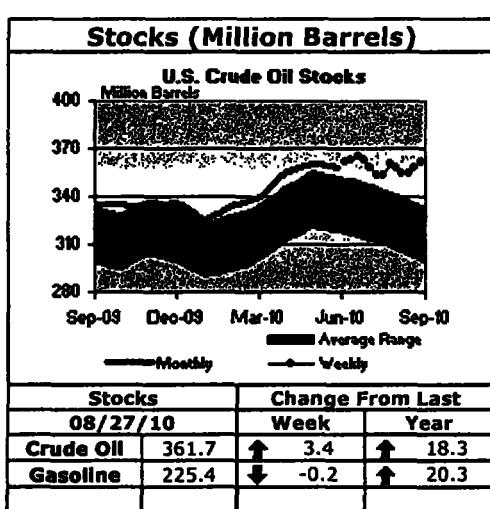


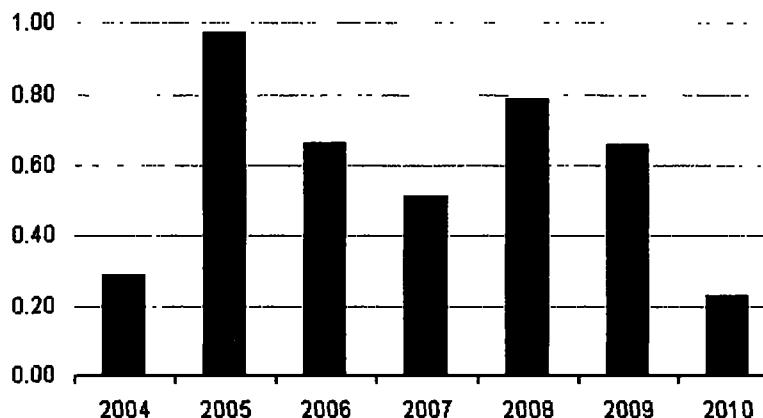
Figure 2. Variation in retail gasoline prices over the summer driving season, 2004-2010



|                   |        |         |          |
|-------------------|--------|---------|----------|
| <b>Distillate</b> | 175.2  | ↓ -0.7  | ↑ 11.7   |
| <b>Propane</b>    | 62.464 | ↑ 1.515 | ↓ -6.667 |

highest weekly price minus lowest weekly price  
(dollars per gallon)

1.20



Most of the movement in gasoline prices this summer can be attributed to crude oil prices, which have traded within a range of about \$10 per barrel (24 cents per gallon) over the period and currently stand about \$72 per barrel, the lower end of that range. Global crude oil markets have been generally uneventful throughout 2010, with ample supply and a slow demand recovery in the United States and Europe (relative to more robust activity in China and other Asian countries) dampening price pressures. Exceptionally high stock levels in the United States have contributed to relatively calm market conditions this summer. U.S. commercial crude oil inventories stand at their highest level for August in nearly 20 years, and total U.S. petroleum commercial stocks (including crude oil and products) are the highest since January 1983.

Strong imports and higher refinery utilization than the past two summers have contributed to counter-seasonal summer gasoline stock builds, which have led to stock levels not seen in August since 1987. U.S. gasoline consumption has recently shown growth, with the 4-week average currently running about 2 percent higher than in the comparable year-ago period. However, it has not been sufficiently high to absorb the level of imports from countries with weaker gasoline markets.

Barring unforeseen events or a significant increase in crude oil prices, consumers may expect to see retail gasoline prices continue to soften beyond Labor Day, as gasoline demand begins its seasonal post-summer decline. Nevertheless, crude oil prices are subject to change with shifts in global market conditions. As we move into September, the potential for severe weather, particularly on the Gulf Coast, also injects a measure of unpredictability.

### Gasoline and Diesel Prices Fall

The U.S. average retail price for regular gasoline dropped 2 cents to \$2.68 per gallon as of August 30, 2010, seven cents higher than last year. The price has fallen more than a dime since August 9. The East Coast price declined over three cents to \$2.61 per gallon while the Midwest moved a penny higher to settle at \$2.64 per gallon. The Gulf Coast price was \$2.53 per gallon, about four cents less than last week and the lowest in the country. The Rocky Mountain average rose a cent to \$2.82 per gallon. Even though the West Coast price fell four cents to \$3.04 per gallon, it continued to be the highest in the Nation. California prices declined a nickel to \$3.09 per gallon.

The retail diesel fuel price decreased two cents from last week to end at \$2.94 per gallon, but was \$0.26 per gallon above a year ago. Although the Rocky Mountain average increased slightly, the price remained essentially unchanged at \$3.02 per gallon. All other regional prices were lower than last week. The East Coast price fell two cents to an average \$2.93 per gallon. The Midwest average decreased two cents to \$2.91 per gallon and Gulf Coast prices were three cents lower at \$2.89 per gallon. West Coast prices remained the highest in the country, but still fell a cent to \$3.10 per gallon, while California prices decreased two cents to \$3.15 per gallon.

### Propane Inventories Move Higher

Despite relatively weak propane import levels, total U.S. inventories of propane continued to build last week, adding 1.5 million barrels to end at 62.5 million barrels. Most of the gain was experienced in the Midwest region with 0.9 million barrels of new propane inventory. The Gulf Coast region added 0.5 million barrels and the East Coast region grew by 0.1 million barrels. The Rocky Mountain/West Coast region was up slightly. Propylene non-fuel use inventories represented 4.3 percent of total propane/propylene stocks.

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[PADD Definitions](#)

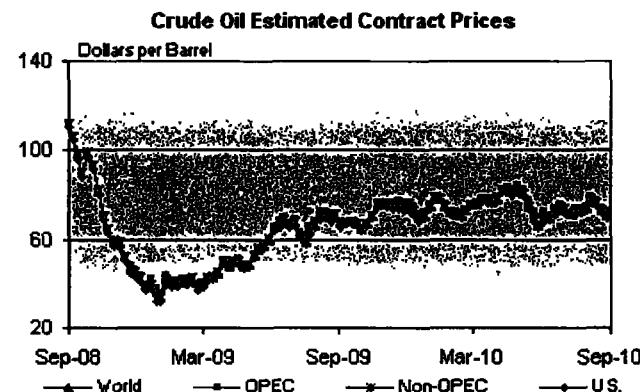
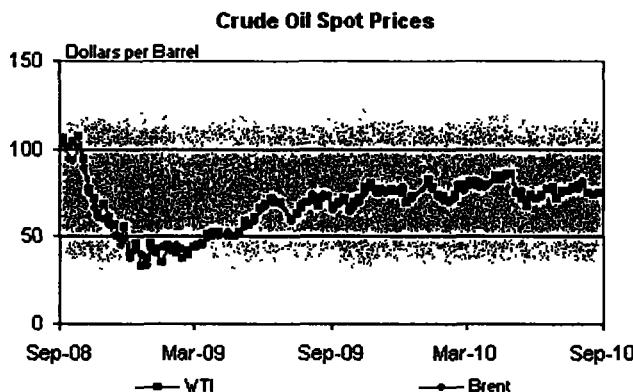
| Summary | Crude Oil | Gasoline   | Distillate | Propane         |
|---------|-----------|------------|------------|-----------------|
| Prices  | Stocks    | Production | Imports    | Refinery Inputs |

### Crude Oil Spot and Estimated Contract Prices (Dollars per Barrel)

| Crude Oil Spot Prices |             |          |          |          |          |          |          | <a href="#">more data</a> |
|-----------------------|-------------|----------|----------|----------|----------|----------|----------|---------------------------|
|                       | Most Recent |          |          |          |          |          |          | Year Ago                  |
|                       | 07/16/10    | 07/23/10 | 07/30/10 | 08/06/10 | 08/13/10 | 08/20/10 | 08/27/10 | 08/28/09                  |
| WTI - Cushing         | 75.96       | 78.68    | 78.85    | 80.67    | 75.39    | 73.45    | 75.17    | 72.72                     |
| Brent                 | 75.55       | 77.27    | 77.50    | 81.28    | 75.14    | 73.48    | 75.16    | 72.80                     |

| Crude Oil Estimated Contract Prices |             |          |          |          |          |          |          | <a href="#">more data</a> |
|-------------------------------------|-------------|----------|----------|----------|----------|----------|----------|---------------------------|
|                                     | Most Recent |          |          |          |          |          |          | Year Ago                  |
|                                     | 07/16/10    | 07/23/10 | 07/30/10 | 08/06/10 | 08/13/10 | 08/20/10 | 08/27/10 | 08/28/09                  |
| Total OPEC                          | 73.95       | 74.20    | 74.97    | 79.01    | 77.52    | 74.15    | 72.06    | 71.86                     |
| Total Non-OPEC                      | 72.87       | 73.28    | 74.32    | 78.23    | 76.97    | 73.36    | 70.48    | 71.26                     |
| Total World                         | 73.49       | 73.80    | 74.69    | 78.68    | 77.28    | 73.81    | 71.39    | 71.60                     |
| United States                       | 71.62       | 72.01    | 73.15    | 76.75    | 75.90    | 72.28    | 69.71    | 70.03                     |



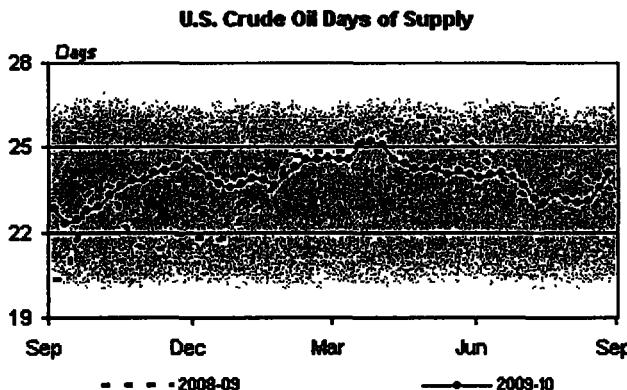
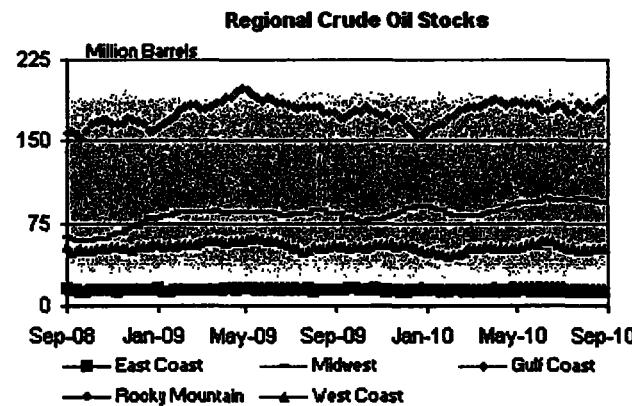
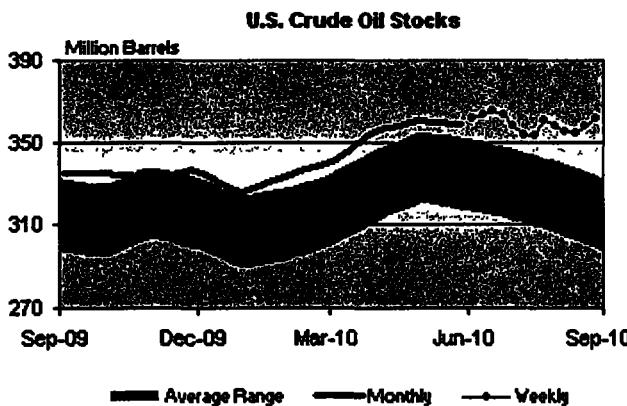
### Crude Oil Stocks (Million Barrels) and Days of Supply

| Crude Oil Stocks        |             |          |          |          |          |          |          | <a href="#">more data</a> |
|-------------------------|-------------|----------|----------|----------|----------|----------|----------|---------------------------|
|                         | Most Recent |          |          |          |          |          |          | Year Ago                  |
|                         | 07/16/10    | 07/23/10 | 07/30/10 | 08/06/10 | 08/13/10 | 08/20/10 | 08/27/10 | 08/28/09                  |
| U.S.                    | 353.5       | 360.8    | 358.0    | 355.0    | 354.2    | 358.3    | 361.7    | 343.4                     |
| East Coast (PADD 1)     | 11.7        | 13.9     | 11.4     | 12.5     | 11.5     | 11.5     | 11.4     | 13.1                      |
| Midwest (PADD 2)        | 95.5        | 97.4     | 97.7     | 95.4     | 95.2     | 93.9     | 93.8     | 83.0                      |
| Cushing, Oklahoma       | 37.1        | 37.2     | 37.8     | 37.7     | 37.0     | 36.3     | 35.8     | 31.2                      |
| Gulf Coast (PADD 3)     | 176.4       | 184.6    | 180.8    | 181.4    | 180.2    | 184.7    | 187.8    | 176.8                     |
| Rocky Mountain (PADD 4) | 15.9        | 15.5     | 15.6     | 15.5     | 15.7     | 16.0     | 16.3     | 15.6                      |
| West Coast (PADD 5)     | 53.9        | 49.4     | 52.4     | 50.2     | 51.5     | 52.3     | 52.3     | 54.9                      |

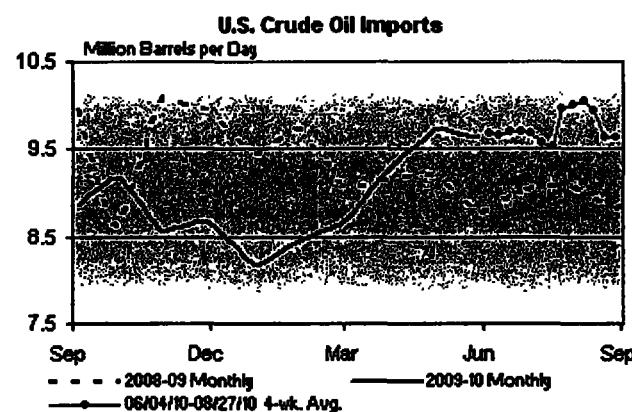
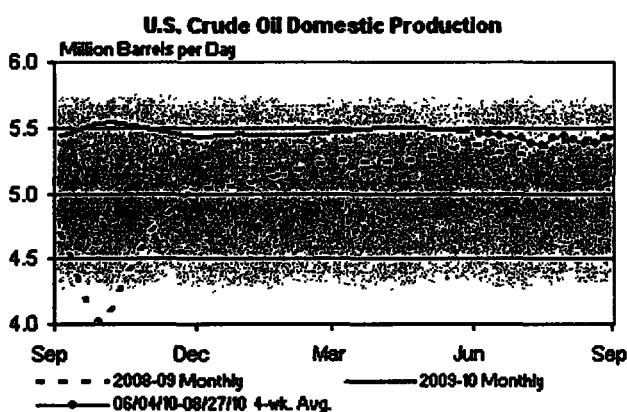
| Days of Supply (number of days) |             |          |          |          |          |          |          | <a href="#">more data</a> |
|---------------------------------|-------------|----------|----------|----------|----------|----------|----------|---------------------------|
|                                 | Most Recent |          |          |          |          |          |          | Year Ago                  |
|                                 | 07/16/10    | 07/23/10 | 07/30/10 | 08/06/10 | 08/13/10 | 08/20/10 | 08/27/10 | 08/28/09                  |
| U.S.                            | 23.1        | 23.4     | 23.1     | 23.0     | 23.1     | 23.6     | 24.1     | 23.6                      |

Note: Days of Supply calculated as: U.S. Crude Oil Stocks / Four-Week Average U.S. Crude Oil Refinery Inputs



#### Crude Oil Production and Imports (Million Barrels per Day)

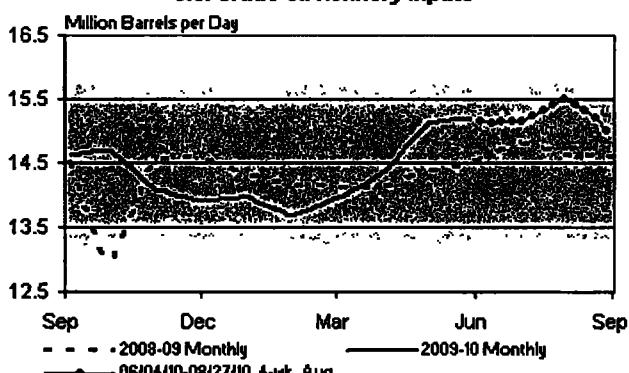
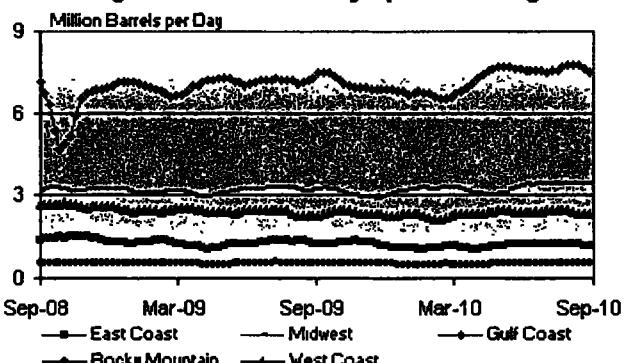
| Crude Oil Production     |                    |          |          |          |             |          |          | more data |
|--------------------------|--------------------|----------|----------|----------|-------------|----------|----------|-----------|
|                          | Four-Week Averages |          |          | Year Ago | Week Ending |          |          | Year Ago  |
|                          | 08/13/10           | 08/20/10 | 08/27/10 | 08/28/09 | 08/13/10    | 08/20/10 | 08/27/10 | 08/28/09  |
| U.S. Production          | 5.379              | 5.386    | 5.426    | 5.190    | 5.352       | 5.511    | 5.602    | 5.244     |
| Crude Oil Imports        |                    |          |          |          |             |          |          | more data |
|                          | Four-Week Averages |          |          | Year Ago | Week Ending |          |          | Year Ago  |
|                          | 08/13/10           | 08/20/10 | 08/27/10 | 08/28/09 | 08/13/10    | 08/20/10 | 08/27/10 | 08/28/09  |
| Crude Oil, Excluding SPR | 9.946              | 9.628    | 9.641    | 9.111    | 9.561       | 9.881    | 9.679    | 9.576     |



#### Crude Oil Refinery Inputs (Million Barrels per Day)

| Crude Oil Refinery Inputs |                    |          |          |          |             |          |          | more data |
|---------------------------|--------------------|----------|----------|----------|-------------|----------|----------|-----------|
|                           | Four-Week Averages |          |          | Year Ago | Week Ending |          |          | Year Ago  |
|                           | 08/13/10           | 08/20/10 | 08/27/10 | 08/28/09 | 08/13/10    | 08/20/10 | 08/27/10 | 08/28/09  |
| U.S.                      | 15.335             | 15.192   | 15.004   | 14.576   | 15.238      | 14.890   | 14.822   | 14.951    |
| East Coast (PADD 1)       | 1.213              | 1.199    | 1.175    | 1.263    | 1.216       | 1.209    | 1.179    | 1.235     |
| Midwest (PADD 2)          | 3.449              | 3.466    | 3.450    | 3.195    | 3.512       | 3.469    | 3.404    | 3.291     |

|                         |       |       |       |       |       |       |       |       |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Gulf Coast (PADD 3)     | 7.775 | 7.656 | 7.507 | 7.300 | 7.751 | 7.309 | 7.277 | 7.609 |
| Rocky Mountain (PADD 4) | 0.551 | 0.542 | 0.540 | 0.555 | 0.562 | 0.539 | 0.533 | 0.565 |
| West Coast (PADD 5)     | 2.348 | 2.330 | 2.332 | 2.263 | 2.198 | 2.364 | 2.427 | 2.251 |

**U.S. Crude Oil Refinery Inputs****Regional Crude Oil Refinery Inputs 4-wk. Avg.**

NA = Not Available.

W = Data Withheld.



## This Week In Petroleum

[Complete History XLS](#)  
[PADD Definitions](#)

| Summary | Crude Oil | Gasoline   | Distillate | Propane |
|---------|-----------|------------|------------|---------|
| Prices  | Stocks    | Production | Imports    | Demand  |

### Residential Heating Oil Prices (Cents per Gallon)

#### Residential Heating Oil Prices

[more data](#)

Note: Data for residential and wholesale prices for heating oil and propane are only collected during the heating season.  
The beginning of the next heating season in October 2010.

### On-Highway Diesel Fuel Prices (Cents per Gallon)

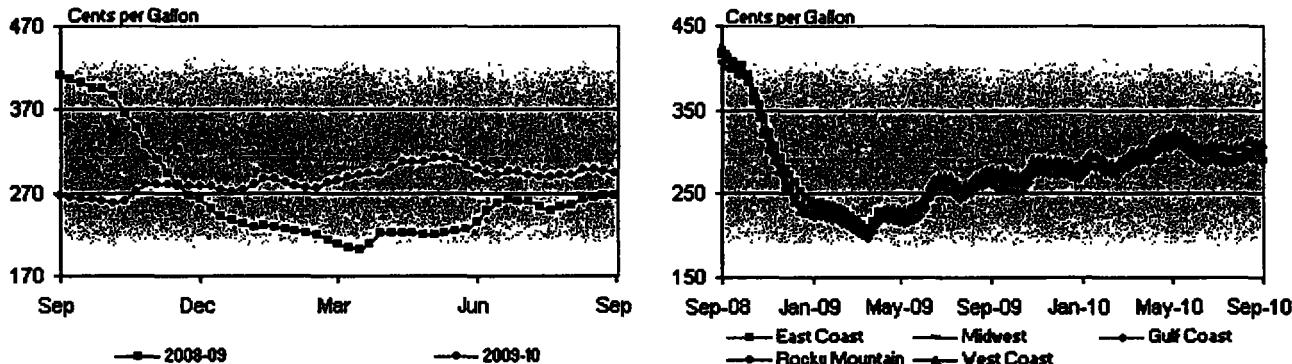
#### Average All-Types Diesel Fuel Prices

[more data](#)

|                            | Most Recent |          |          |          |          |          |          |  | Year Ago |
|----------------------------|-------------|----------|----------|----------|----------|----------|----------|--|----------|
|                            | 07/19/10    | 07/26/10 | 08/02/10 | 08/09/10 | 08/16/10 | 08/23/10 | 08/30/10 |  | 08/31/09 |
| U.S.                       | 289.9       | 291.9    | 292.8    | 299.1    | 297.9    | 295.7    | 293.8    |  | 267.4    |
| East Coast (PADD 1)        | 291.3       | 292.8    | 293.4    | 300.0    | 297.7    | 295.2    | 293.0    |  | 269.1    |
| New England (PADD 1A)      | 301.5       | 301.4    | 300.9    | 302.7    | 302.4    | 300.9    | 299.6    |  | 274.2    |
| Central Atlantic (PADD 1B) | 301.2       | 302.0    | 302.0    | 308.6    | 305.5    | 303.8    | 302.0    |  | 277.9    |
| Lower Atlantic (PADD 1C)   | 286.1       | 288.0    | 289.0    | 296.2    | 294.0    | 291.0    | 288.6    |  | 264.9    |
| Midwest (PADD 2)           | 286.6       | 289.1    | 290.0    | 296.6    | 295.3    | 292.7    | 290.9    |  | 264.9    |
| Gulf Coast (PADD 3)        | 285.9       | 287.5    | 288.7    | 294.7    | 293.3    | 291.6    | 288.8    |  | 261.8    |
| Rocky Mountain (PADD 4)    | 290.2       | 292.0    | 293.7    | 299.1    | 301.1    | 301.6    | 301.9    |  | 269.2    |
| West Coast (PADD 5)        | 304.2       | 306.0    | 307.1    | 312.4    | 312.9    | 311.4    | 310.1    |  | 280.2    |
| California                 | 311.6       | 312.5    | 313.2    | 318.3    | 318.6    | 317.1    | 315.0    |  | 289.3    |

#### U.S. Average All-Types Diesel Fuel Prices

#### Regional Average All-Types Diesel Fuel Prices



### No. 2 Distillate Spot Prices (Cents per Gallon)

#### Spot Heating Oil Prices

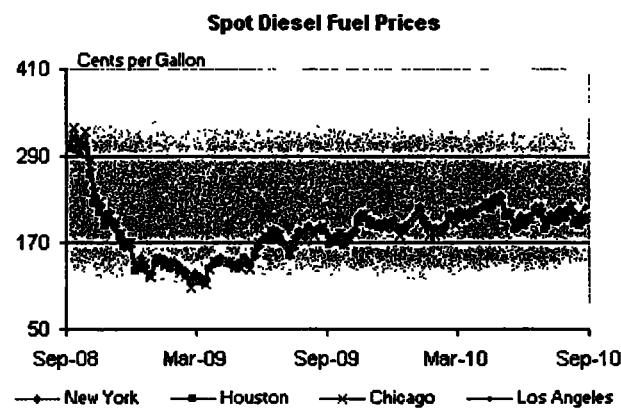
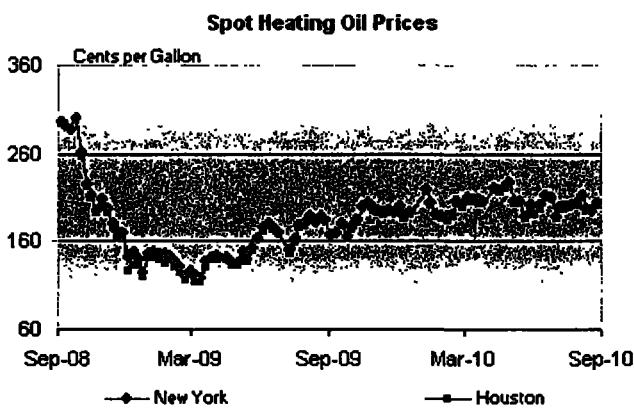
[more data](#)

|          | Most Recent |          |          |          |          |          |          |  | Year Ago |
|----------|-------------|----------|----------|----------|----------|----------|----------|--|----------|
| City     | 07/16/10    | 07/23/10 | 07/30/10 | 08/06/10 | 08/13/10 | 08/20/10 | 08/27/10 |  | 08/28/09 |
| New York | 198.3       | 201.8    | 203.8    | 211.6    | 196.1    | 195.0    | 204.2    |  | 184.9    |
| Houston  | 200.8       | 200.8    | 202.1    | 209.1    | 194.4    | 194.0    | 202.1    |  | 184.1    |

#### Spot Diesel Fuel Prices

[more data](#)

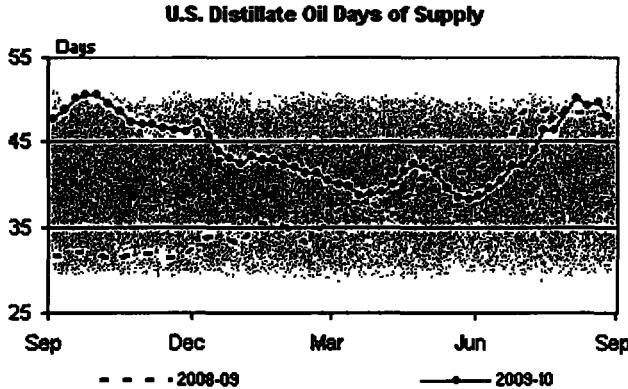
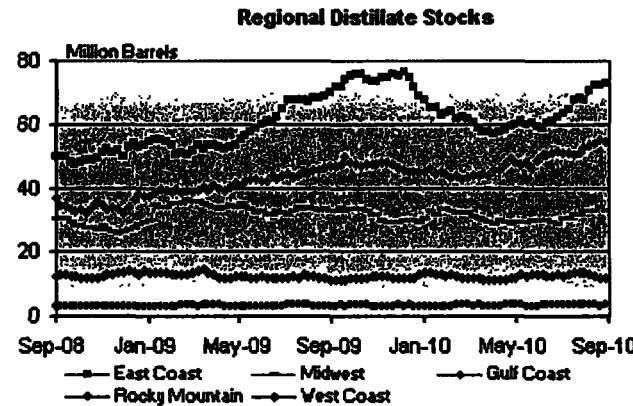
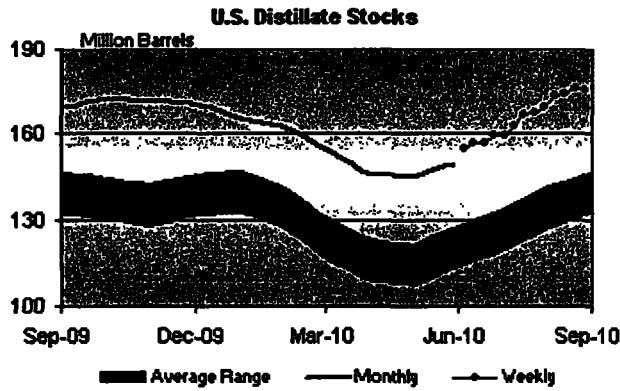
|                    | Most Recent |          |          |          |          |          |          |  | Year Ago |
|--------------------|-------------|----------|----------|----------|----------|----------|----------|--|----------|
| City               | 07/16/10    | 07/23/10 | 07/30/10 | 08/06/10 | 08/13/10 | 08/20/10 | 08/27/10 |  | 08/28/09 |
| New York           | 204.0       | 207.0    | 209.8    | 216.6    | 199.9    | 198.7    | 206.2    |  | 187.6    |
| Chicago            | 204.1       | 208.4    | 209.3    | 219.0    | 203.8    | 200.5    | 207.2    |  | 192.6    |
| Houston            | 198.3       | 203.4    | 205.1    | 211.9    | 196.6    | 194.0    | 201.4    |  | 185.9    |
| Los Angeles (CARB) | 209.5       | 215.8    | 217.3    | 224.4    | 213.1    | 208.2    | 218.6    |  | 194.1    |

**Distillate Stocks (Million Barrels) and Days of Supply**

| Total Distillate Stocks                      |             |          |          |          |          |          |          | more data |
|--|-------------|----------|----------|----------|----------|----------|----------|-----------|
|  | Most Recent |          |          |          |          |          |          | Year Ago  |
|  | 07/16/10    | 07/23/10 | 07/30/10 | 08/06/10 | 08/13/10 | 08/20/10 | 08/27/10 | 08/28/09  |
| U.S.   | 166.6       | 167.5    | 169.7    | 173.1    | 174.2    | 176.0    | 175.2    | 163.6     |
| East Coast (PADD 1)                          | 67.6        | 68.1     | 67.4     | 70.4     | 72.1     | 72.4     | 72.7     | 70.2      |
| New England (PADD 1A)                        | 10.9        | 11.4     | 12.2     | 12.9     | 13.1     | 13.4     | 13.0     | 13.2      |
| Central Atlantic (PADD 1B)                   | 41.2        | 42.0     | 41.0     | 42.7     | 44.0     | 43.6     | 44.1     | 42.6      |
| Lower Atlantic (PADD 1C)                     | 15.5        | 14.7     | 14.1     | 14.8     | 15.0     | 15.4     | 15.6     | 14.3      |
| Midwest (PADD 2)                             | 31.5        | 31.7     | 32.8     | 32.8     | 32.5     | 33.5     | 32.7     | 32.7      |
| Gulf Coast (PADD 3)                          | 50.2        | 50.9     | 52.5     | 53.4     | 53.8     | 55.1     | 54.6     | 47.0      |
| Rocky Mountain (PADD 4)                      | 3.6         | 3.5      | 3.4      | 3.3      | 3.3      | 3.2      | 3.3      | 2.7       |
| West Coast (PADD 5)                          | 13.7        | 13.4     | 13.6     | 13.3     | 12.5     | 11.8     | 12.0     | 11.0      |
| 15 ppm sulfur and Under Stocks               |             |          |          |          |          |          |          | more data |
|  | Most Recent |          |          |          |          |          |          | Year Ago  |
|  | 07/16/10    | 07/23/10 | 07/30/10 | 08/06/10 | 08/13/10 | 08/20/10 | 08/27/10 | 08/28/09  |
| U.S.   | 105.5       | 106.6    | 108.4    | 109.2    | 109.4    | 109.4    | 108.9    | 95.9      |
| East Coast (PADD 1)                          | 26.3        | 26.3     | 24.8     | 25.5     | 25.8     | 26.2     | 26.1     | 22.4      |
| New England (PADD 1A)                        | 2.7         | 2.9      | 3.1      | 3.0      | 3.0      | 3.0      | 2.5      | 2.5       |
| Central Atlantic (PADD 1B)                   | 11.0        | 11.7     | 11.1     | 11.1     | 11.2     | 11.5     | 11.2     | 10.6      |
| Lower Atlantic (PADD 1C)                     | 12.6        | 11.6     | 10.7     | 11.4     | 11.7     | 11.7     | 12.3     | 9.2       |
| Midwest (PADD 2)                             | 28.0        | 28.3     | 29.5     | 29.4     | 29.3     | 29.9     | 29.1     | 27.4      |
| Gulf Coast (PADD 3)                          | 36.7        | 37.8     | 39.8     | 40.4     | 41.1     | 41.2     | 41.6     | 34.9      |
| Rocky Mountain (PADD 4)                      | 3.2         | 3.1      | 3.0      | 2.8      | 2.9      | 2.7      | 2.8      | 2.3       |
| West Coast (PADD 5)                          | 11.2        | 11.1     | 11.3     | 11.0     | 10.3     | 9.3      | 9.3      | 8.9       |
| Greater than 15 ppm to 500 ppm sulfur Stocks |             |          |          |          |          |          |          | more data |
|  | Most Recent |          |          |          |          |          |          | Year Ago  |
|  | 07/16/10    | 07/23/10 | 07/30/10 | 08/06/10 | 08/13/10 | 08/20/10 | 08/27/10 | 08/28/09  |
| U.S.   | 12.0        | 11.8     | 11.2     | 12.5     | 14.2     | 14.9     | 13.9     | 19.2      |
| East Coast (PADD 1)                          | 3.2         | 3.0      | 3.0      | 3.6      | 4.9      | 5.4      | 5.0      | 8.0       |
| New England (PADD 1A)                        | 0.2         | 0.1      | 0.2      | 0.2      | 0.1      | 0.3      | 0.4      | 0.4       |
| Central Atlantic (PADD 1B)                   | 2.4         | 2.3      | 2.2      | 2.7      | 3.5      | 3.2      | 3.2      | 4.1       |
| Lower Atlantic (PADD 1C)                     | 0.6         | 0.6      | 0.7      | 0.7      | 1.2      | 2.0      | 1.5      | 3.5       |
| Midwest (PADD 2)                             | 2.2         | 2.1      | 2.0      | 2.0      | 1.9      | 2.0      | 1.9      | 3.4       |
| Gulf Coast (PADD 3)                          | 5.1         | 5.2      | 4.7      | 5.4      | 6.0      | 6.1      | 5.5      | 6.6       |
| Rocky Mountain (PADD 4)                      | 0.3         | 0.3      | 0.3      | 0.3      | 0.3      | 0.3      | 0.3      | 0.3       |
| West Coast (PADD 5)                          | 1.2         | 1.1      | 1.2      | 1.1      | 1.1      | 1.2      | 1.2      | 0.9       |
| Greater than 500 ppm sulfur Stocks           |             |          |          |          |          |          |          | more data |
|  | Most Recent |          |          |          |          |          |          | Year Ago  |
|  | 07/16/10    | 07/23/10 | 07/30/10 | 08/06/10 | 08/13/10 | 08/20/10 | 08/27/10 | 08/28/09  |
| U.S.   | 49.2        | 49.1     | 50.1     | 51.5     | 50.6     | 51.7     | 52.4     | 48.5      |
| East Coast (PADD 1)                          | 38.1        | 38.8     | 39.5     | 41.3     | 41.3     | 40.7     | 41.6     | 39.8      |
| New England (PADD 1A)                        | 8.1         | 8.3      | 9.0      | 9.7      | 9.9      | 10.1     | 10.2     | 10.3      |
| Central Atlantic (PADD 1B)                   | 27.7        | 28.0     | 27.7     | 28.8     | 29.3     | 28.9     | 29.6     | 27.9      |
| Lower Atlantic (PADD 1C)                     | 2.3         | 2.5      | 2.8      | 2.7      | 2.1      | 1.7      | 1.8      | 1.6       |
| Midwest (PADD 2)                             | 1.3         | 1.3      | 1.3      | 1.4      | 1.3      | 1.6      | 1.7      | 1.9       |

|   |      |      |      |      |      |      |      |      |
|---|------|------|------|------|------|------|------|------|
| Gulf Coast (PADD 3)   | 8.3  | 7.8  | 8.1  | 7.5  | 6.7  | 7.9  | 7.5  | 5.5  |
| Rocky Mountain (PADD 4)   | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.2  | 0.2  | 0.1  |
| West Coast (PADD 5)   | 1.3  | 1.2  | 1.1  | 1.2  | 1.2  | 1.3  | 1.4  | 1.2  |
| <b>Days of Supply (number of days)</b>                                  |      |      |      |      |      |      |      |      |
| (2) more data   |      |      |      |      |      |      |      |      |
| Most Recent   |      |      |      |      |      |      |      |      |
| 07/16/10 07/23/10 07/30/10 08/06/10 08/13/10 08/20/10 08/27/10 08/28/09 |      |      |      |      |      |      |      |      |
| U.S.  | 46.3 | 46.4 | 48.7 | 50.1 | 49.3 | 49.7 | 47.9 | 48.2 |

Note: Days of Supply calculated as: U.S. Total Distillate Stocks / Four-Week Average U.S. Distillate Fuel Oil Demand



#### Distillate Production and Imports (Million Barrels per Day)

|  | Total Distillate Production |          |          |          |             |          |          |          | (2) more data |  |
|--|-----------------------------|----------|----------|----------|-------------|----------|----------|----------|---------------|--|
|  | Four-Week Averages          |          |          | Year Ago | Week Ending |          |          | Year Ago |               |  |
|  | 08/13/10                    | 08/20/10 | 08/27/10 |          | 08/13/10    | 08/20/10 | 08/27/10 |          |               |  |
| U.S.   | 4.321                       | 4.333    | 4.321    | 3.937    | 4.244       | 4.394    | 4.302    | 4.120    |               |  |
| East Coast (PADD 1)                              | 0.389                       | 0.393    | 0.405    | 0.400    | 0.398       | 0.404    | 0.423    | 0.405    |               |  |
| Midwest (PADD 2)                                 | 1.007                       | 1.014    | 1.013    | 0.856    | 0.984       | 1.011    | 1.019    | 0.915    |               |  |
| Gulf Coast (PADD 3)                              | 2.269                       | 2.280    | 2.260    | 2.047    | 2.240       | 2.313    | 2.203    | 2.195    |               |  |
| Rocky Mountain (PADD 4)                          | 0.179                       | 0.177    | 0.171    | 0.180    | 0.178       | 0.180    | 0.164    | 0.179    |               |  |
| West Coast (PADD 5)                              | 0.477                       | 0.468    | 0.471    | 0.455    | 0.444       | 0.487    | 0.493    | 0.426    |               |  |
| 15 ppm sulfur and Under Production               |                             |          |          |          |             |          |          |          |               |  |
|  | Four-Week Averages          |          |          | Year Ago | Week Ending |          |          | Year Ago | (2) more data |  |
|  | 08/13/10                    | 08/20/10 | 08/27/10 | 08/28/09 | 08/13/10    | 08/20/10 | 08/27/10 | 08/28/09 |               |  |
|  | 3.553                       | 3.556    | 3.531    | 3.046    | 3.483       | 3.585    | 3.514    | 3.199    |               |  |
| U.S.   | 0.273                       | 0.276    | 0.279    | 0.258    | 0.278       | 0.291    | 0.285    | 0.248    |               |  |
| East Coast (PADD 1)                              | 0.943                       | 0.944    | 0.940    | 0.783    | 0.922       | 0.936    | 0.933    | 0.819    |               |  |
| Midwest (PADD 2)                                 | 1.751                       | 1.765    | 1.750    | 1.455    | 1.752       | 1.788    | 1.721    | 1.593    |               |  |
| Gulf Coast (PADD 3)                              | 0.164                       | 0.163    | 0.158    | 0.160    | 0.162       | 0.168    | 0.153    | 0.159    |               |  |
| Rocky Mountain (PADD 4)                          | 0.423                       | 0.408    | 0.404    | 0.391    | 0.369       | 0.402    | 0.421    | 0.380    |               |  |
| Greater than 15 ppm to 500 ppm sulfur Production |                             |          |          |          |             |          |          |          |               |  |
|  | Four-Week Averages          |          |          | Year Ago | Week Ending |          |          | Year Ago | (2) more data |  |
|  | 08/13/10                    | 08/20/10 | 08/27/10 | 08/28/09 | 08/13/10    | 08/20/10 | 08/27/10 | 08/28/09 |               |  |
|  | 0.443                       | 0.424    | 0.408    | 0.465    | 0.398       | 0.411    | 0.380    | 0.527    |               |  |

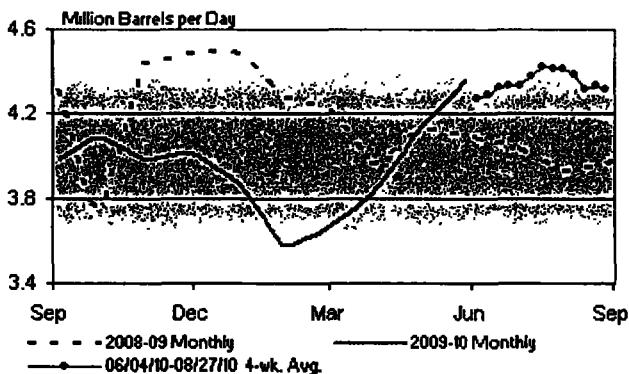
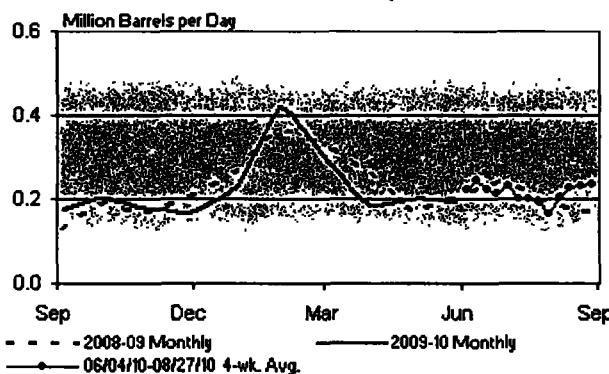
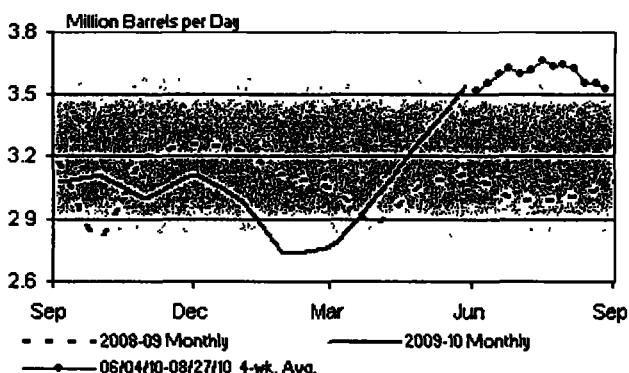
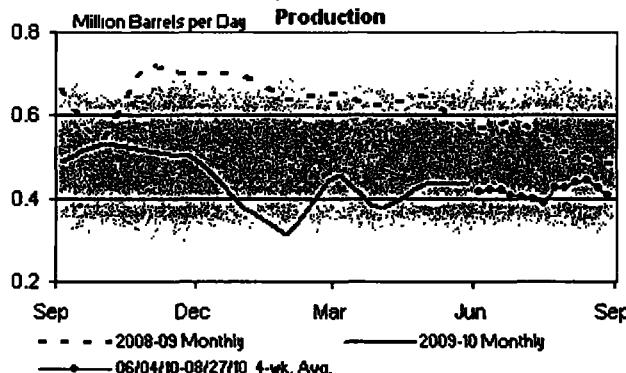
|                         |        |        |        |       |        |       |        |       |
|-------------------------|--------|--------|--------|-------|--------|-------|--------|-------|
| East Coast (PADD 1)     | -0.002 | -0.006 | -0.013 | 0.016 | -0.016 | 0.001 | -0.034 | 0.018 |
| Midwest (PADD 2)        | 0.041  | 0.049  | 0.054  | 0.049 | 0.047  | 0.059 | 0.057  | 0.068 |
| Gulf Coast (PADD 3)     | 0.365  | 0.342  | 0.331  | 0.362 | 0.333  | 0.302 | 0.318  | 0.406 |
| Rocky Mountain (PADD 4) | 0.012  | 0.012  | 0.010  | 0.019 | 0.007  | 0.011 | 0.010  | 0.018 |
| West Coast (PADD 5)     | 0.027  | 0.028  | 0.027  | 0.020 | 0.026  | 0.039 | 0.029  | 0.017 |

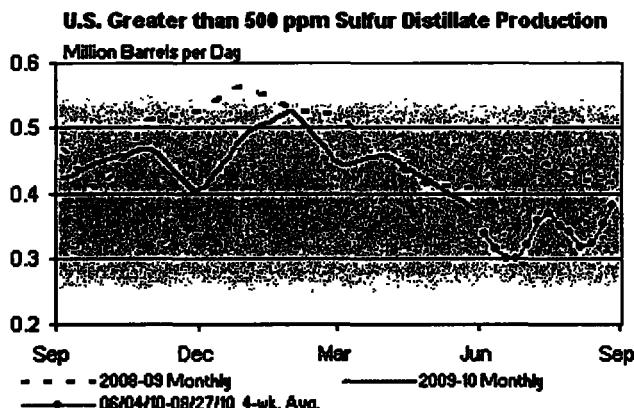
**Greater than 500 ppm sulfur Production****more data**

|                         | Four-Week Averages |          |          | Year Ago | Week Ending |          |          | Year Ago |
|-------------------------|--------------------|----------|----------|----------|-------------|----------|----------|----------|
|                         | 08/13/10           | 08/20/10 | 08/27/10 | 08/28/09 | 08/13/10    | 08/20/10 | 08/27/10 | 08/28/09 |
| U.S.                    | 0.325              | 0.353    | 0.381    | 0.427    | 0.363       | 0.399    | 0.408    | 0.394    |
| East Coast (PADD 1)     | 0.118              | 0.123    | 0.139    | 0.127    | 0.136       | 0.112    | 0.172    | 0.139    |
| Midwest (PADD 2)        | 0.024              | 0.021    | 0.019    | 0.024    | 0.015       | 0.016    | 0.029    | 0.028    |
| Gulf Coast (PADD 3)     | 0.154              | 0.173    | 0.179    | 0.229    | 0.155       | 0.223    | 0.164    | 0.196    |
| Rocky Mountain (PADD 4) | 0.002              | 0.002    | 0.003    | 0.002    | 0.009       | 0.000    | 0.001    | 0.002    |
| West Coast (PADD 5)     | 0.027              | 0.033    | 0.041    | 0.045    | 0.048       | 0.047    | 0.043    | 0.029    |

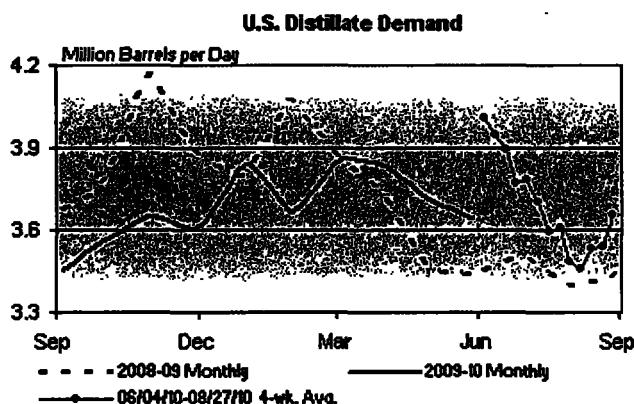
**Distillate Imports****more data**

|   | Four-Week Averages |          |          | Year Ago | Week Ending |          |          | Year Ago |
|---|--------------------|----------|----------|----------|-------------|----------|----------|----------|
|   | 08/13/10           | 08/20/10 | 08/27/10 | 08/28/09 | 08/13/10    | 08/20/10 | 08/27/10 | 08/28/09 |
| Total Distillate                        | 0.228              | 0.231    | 0.233    | 0.157    | 0.260       | 0.163    | 0.196    | 0.156    |
| 15 ppm sulfur and Under                 | 0.169              | 0.182    | 0.179    | 0.122    | 0.209       | 0.122    | 0.123    | 0.137    |
| Greater than 15 ppm to 500 ppm sulfur   | 0.018              | 0.017    | 0.016    | 0.013    | 0.012       | 0.007    | 0.008    | 0.005    |
| Greater than 500 ppm to 2000 ppm sulfur | 0.041              | 0.032    | 0.038    | 0.023    | 0.039       | 0.035    | 0.065    | 0.014    |
| Greater than 2000 ppm sulfur            | 0.000              | 0.000    | 0.000    | 0.001    | 0.000       | 0.000    | 0.000    | 0.000    |

**U.S. Distillate Production****U.S. Distillate Imports****U.S. 15 ppm Sulfur and Under Distillate Production****U.S. Greater than 15 ppm to 500 ppm Sulfur Distillate Production**

**Distillate Demand (Million Barrels per Day)**

|                     | Distillate Demand  |          |          |          |             |          |          |          | more data |
|---------------------|--------------------|----------|----------|----------|-------------|----------|----------|----------|-----------|
|                     | Four-Week Averages |          |          | Year Ago | Week Ending |          |          | Year Ago |           |
|                     | 08/13/10           | 08/20/10 | 08/27/10 | 08/28/09 | 08/13/10    | 08/20/10 | 08/27/10 | 08/28/09 |           |
| Distillate Fuel Oil | 3.534              | 3.542    | 3.657    | 3.393    | 3.674       | 3.628    | 3.927    | 3.497    |           |



NA = Not Available.

W = Data Withheld.

AAR MATERIALS AND SUPPLIES INDEX  
Region By Composition  
Third Quarter 2011  
August 29, 2011

United States by Composition Category - Summary

---

| Composition Category                              | Weight | Corrected Previous Quarter Index | Current Quarter Index | Relative Of Change |
|---|--------|----------------------------------|-----------------------|--------------------|
| Forest Products                                   | .1093  | 251.14                           | 251.62                | 1.0019             |
| Metal Products                                    | .5988  | 202.17                           | 205.97                | 1.0188             |
| Miscellaneous Products                            | .2919  | 328.48                           | 345.86                | 1.0529             |
| U.S. By Composition                               | --     | 244.39                           | 251.79                | 1.0303             |
| U.S. By Composition (Linked)                      | --     | 243.03                           | 250.39                | 1.0303             |
| United States (1977=100)<br>Linking Factor: 1.423 | --     | 345.83                           | 356.30                | 1.0303             |
| United States (1980=100)<br>Linking Factor: 1.061 | --     | 257.85                           | 265.66                | 1.0303             |

## Car Hire for RCAF

### RCAF (Forecast)

|                               | 1980  | June<br>3Q/11 | Sept.<br>4Q/11 | Dec.<br>1Q/12 | Mar.<br>2Q/12 | June<br>3Q/12 |
|-------------------------------|-------|---------------|----------------|---------------|---------------|---------------|
| <b>RATE</b>                   |       |               |                |               |               |               |
| RR-OWNED TIME                 | 31.00 | 67.00         | 67.00          | --            | --            | --            |
| RR-OWNED MILEAGE              | 4.69  | 7.20          | 7.20           | --            | --            | --            |
| PRIVATELY-OWNED CARS          | 25.47 | 44.68         | 43.37          | --            | --            | --            |
| AUTORACKS                     | 47.00 | 41.30         | 42.33          | --            | --            | --            |
| <b>INDEX</b>                  |       |               |                |               |               |               |
| RR-OWNED TIME                 | 100.0 | 216.1         | 216.1          | --            | --            | --            |
| RR-OWNED MILEAGE              | 100.0 | 153.5         | 153.5          | --            | --            | --            |
| PRIVATELY-OWNED CARS          | 100.0 | 175.4         | 170.3          | --            | --            | --            |
| AUTORACKS                     | 100.0 | 87.9          | 90.1           | --            | --            | --            |
| CAR HIRE INDEX (old wts) 2009 | 100.0 | 179.3         | --             | --            | --            | --            |
| CAR HIRE INDEX (new wts) 2010 | 100.0 | 179.8         | 176.1          | --            | --            | --            |
| CAR HIRE INDEX (LINKED)       | 100.0 | 178.9         | 175.2          | --            | --            | --            |

Note: The Car Hire Index for third quarter using *old weights* and *linked* should match that quarter's filing. The third quarter *new weights* version is used in the fourth quarter linked index calculation to ensure that the transition from old weights to new weights does not impact the linked index.

Note: Indexes are rounded, rates are full float.

### Equipment Re.... Data From CHARM

|                                   | 2011 (first day of month) |         |         |     |     |     | 2012 (first day of month) |     |     |     |     |     |     |     |
|-----------------------------------|---------------------------|---------|---------|-----|-----|-----|---------------------------|-----|-----|-----|-----|-----|-----|-----|
|                                   | Jul                       | Aug     | Sep     | Oct | Nov | Dec | Jan                       | Feb | Mar | Apr | May | Jun | Jul | Aug |
| <b>Railroad Equipment</b>         |                           |         |         |     |     |     |                           |     |     |     |     |     |     |     |
| No of Cars (cars with rates only) |                           |         |         |     |     |     |                           |     |     |     |     |     |     |     |
| Superstructures (Vehicular Flats) | 10,309                    | 10,132  | 10,124  |     |     |     |                           |     |     |     |     |     |     |     |
| Rate (in cents)                   |                           |         |         |     |     |     |                           |     |     |     |     |     |     |     |
| Superstructures #3 - Auto Rack    | 20.0                      | 21.0    | 21.0    |     |     |     |                           |     |     |     |     |     |     |     |
| All other #1 - Time               | 67.0                      | 67.0    | 67.0    |     |     |     |                           |     |     |     |     |     |     |     |
| All other #2 - Mileage            | 7.2                       | 7.2     | 7.2     |     |     |     |                           |     |     |     |     |     |     |     |
| <b>Private Equipment</b>          |                           |         |         |     |     |     |                           |     |     |     |     |     |     |     |
| No of Cars (cars with rates only) |                           |         |         |     |     |     |                           |     |     |     |     |     |     |     |
| Superstructures (Vehicular Flats) | 46,434                    | 46,336  | 46,222  |     |     |     |                           |     |     |     |     |     |     |     |
| Covered Hoppers                   | 332,007                   | 331,523 | 334,180 |     |     |     |                           |     |     |     |     |     |     |     |
| Tank Cars                         | 305,295                   | 304,829 | 304,883 |     |     |     |                           |     |     |     |     |     |     |     |
| Others                            | 308,308                   | 306,477 | 306,394 |     |     |     |                           |     |     |     |     |     |     |     |
| Rate (in cents)                   |                           |         |         |     |     |     |                           |     |     |     |     |     |     |     |
| Superstructures #1 - Time         | 78.0                      | 78.0    | 78.0    |     |     |     |                           |     |     |     |     |     |     |     |
| Superstructures #2 - Mileage      | 1.2                       | 1.4     | 1.4     |     |     |     |                           |     |     |     |     |     |     |     |
| Superstructures #3 - Auto Rack    | 46.0                      | 47.0    | 47.0    |     |     |     |                           |     |     |     |     |     |     |     |
| Covered Hoppers #2 - Mileage      | 43.1                      | 43.2    | 43.2    |     |     |     |                           |     |     |     |     |     |     |     |
| Tank Cars #2 - Mileage            | 74.4                      | 74.5    | 69.2    |     |     |     |                           |     |     |     |     |     |     |     |
| Others #1 - Time                  | 64.0                      | 65.0    | 65.0    |     |     |     |                           |     |     |     |     |     |     |     |
| Others #2 - Mileage               | 6.9                       | 7.0     | 7.0     |     |     |     |                           |     |     |     |     |     |     |     |

### AVERAGE RATES

|                         |              |              |              |                |                |                |                |                |                |                |                |                |
|-------------------------|--------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Private Superstructures | 19.53        | 19.73        | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           |
| Private Others          | 21.11        | 21.43        | 0.00         | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           | 0.00           |
| <b>Private Total</b>    | <b>44.79</b> | <b>45.00</b> | <b>43.37</b> | <b>#DIV/0!</b> |
| Autoracks               | 41.28        | 42.33        | 42.33        | #DIV/0!        |
| Check sum               | 1 000        | 1 000        |              |                |                |                |                |                |                |                |                |                |

| WEIGHTS        | "Old Wts" | "New Wts" |
|----------------|-----------|-----------|
| For RCAF & RCR | 2009      | 2010      |

|                      |       |       |
|----------------------|-------|-------|
| RR-owned Time        | 0.168 | 0.174 |
| RR-owned Mileage     | 0.084 | 0.084 |
| Privately-owned Cars | 0.735 | 0.732 |
| Autoracks            | 0.013 | 0.010 |
| Check sum            | 1 000 | 1 000 |

|  |       |       |
|--|-------|-------|
| Weights for Equipment Rents (not used in Car Hire calculation) | 2009  | 2010  |
| Car Hire - U.S.  | 0.422 | 0.458 |
| Lease Rentals - U.S.   | 0.578 | 0.542 |
| Check sum  | 1 000 | 1 000 |

Note The 4 bold lines are used for the Car Hire Rate Private Total uses a weighted average of the Covered Hoppers Tank Cars, Combined Private Superstructures and Combined Private Others rates

file: Equip\_Rents10wtsRCAF.xls

AAR Car Hire - Equipment Rents Data Page

9/1/11

1PROGRAM: DPRB799  
CURRENT DATE: SEPTEMBER 01, 2011

PRIVATE EQUIPMENT 1/

AVERAGE RATE FOR 09/11

| CAR GROUP                              | CAR COUNT        | TIME    | MILEAGE      | AUTO RACK |
|--|------------------|---------|--------------|-----------|
| -VEHICULAR FLATS                       | 46,222           | 78 ¢/HR | .014 \$/MILE | 47 ¢/HR   |
| ONO. OF ZERO RATED VEH. FLATS 2 /      | 9                | 0 ¢/HR  | .432 \$/MILE |           |
| -COVERED HOPPERS                       | 334,180          | 0 ¢/HR  | .692 \$/MILE |           |
| ONO. OF ZERO RATED COVERED HOPPERS 2 / | 10,032           | 0 ¢/HR  | .070 \$/MILE |           |
| -TANKS                                 | 304,863          | 0 ¢/HR  | .070 \$/MILE |           |
| ONO. OF ZERO RATED TANKS 2 /           | 8,982            | 65 ¢/HR |              |           |
| -ALL OTHER CARS                        | 306,394          |         |              |           |
| ONO. OF ZERO RATED "OTHER" CARS 2 /    | 32,803           |         |              |           |
| 0                                      | TOTAL: 1,043,485 |         |              |           |

1/ THIS PRINT EXCLUDES THE FOLLOWING CAR TYPES:

CAR TYPE D - LOCOMOTIVES

CAR TYPE M - MAINTENANCE OF WAY, SCALE, PASSENGER, CABOOSE AND EOT DEVICE

CAR TYPE U - CONTAINERS

CAR TYPE Z - TRAILERS

0 ALL TTX EQUIPMENT (INCLUDING ABOX, RBOX AND GONX) IS SHOWN ON THE PRIVATE EQUIPMENT REPORT.

-2/ EQUIPMENT CAN BE ZERO RATED DUE TO OWNERS SUPPLYING INCORRECT OR INSUFFICIENT INFORMATION TO THE CAR ACCOUNTING PROCESS OR CARS WITH RATE INDICATOR SIX (6). THIS EQUIPMENT IS ELIMINATED FROM THE AVERAGING PROCESS.

PAGE NO: 79

PROGRAM: DPRB799  
CURRENT DATE: SEPTEMBER 01, 2011

RAILROAD EQUIPMENT 1 /

PAGE NO: 36

AVERAGE RATE FOR 09/1:

| CAR GROUP                           | CAR COUNT      | TIME      | MILEAGE      | AUTO RACK |
|-------------------------------------|----------------|-----------|--------------|-----------|
| - VEHICULAR FLATS                   | 10,124         | 149 ¢/HR. | .092 \$/MILE | 21 ¢/HR   |
| ONO. OF ZERO RATED VEH. FLATS 2 /   | 122            |           |              |           |
| - ALL OTHER CARS                    | 583,923        | 67 ¢/HR   | .072 \$/MILE |           |
| ONO. OF ZERO RATED "OTHER" CARS 2 / | 32,875         |           |              |           |
| 0                                   | TOTAL: 627,044 |           |              |           |

- 1/ THIS PRINT EXCLUDES THE FOLLOWING CAR TYPES:

CAR TYPE D - LOCOMOTIVES  
CAR TYPE M - MAINTENANCE OF WAY, SCALE, PASSENGER, CABOOSE AND EOT DEVICE  
CAR TYPE U - CONTAINERS  
CAR TYPE Z - TRAILERS

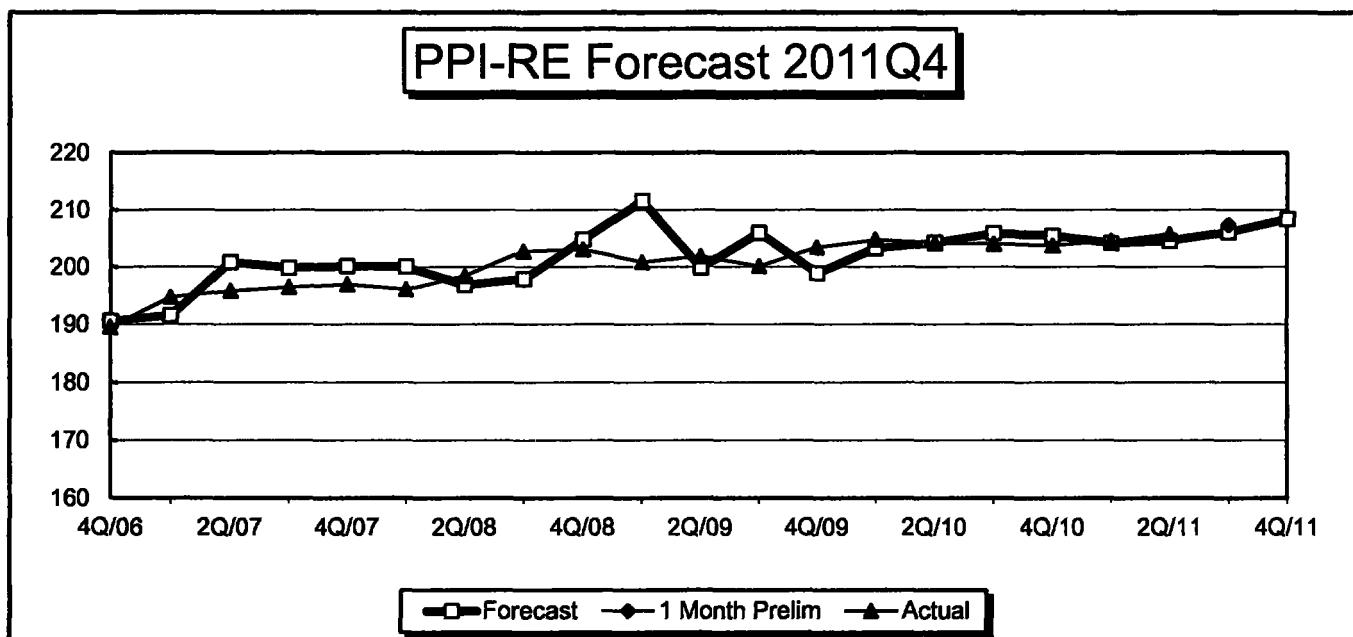
0 ALL TRX EQUIPMENT (INCLUDING ABOY, REBOX AND GON) IS SHOWN ON THE PRIVATE EQUIPMENT REPORT.  
-2/ EQUIPMENT CAN BE ZERO RATED DUE TO OWNERS SUPPLYING INCORRECT OR INSUFFICIENT INFORMATION TO THE CAR ACCOUNTING PROCESS OR CARS WITH RATE INDICATOR SIX (6). THIS EQUIPMENT IS ELIMINATED FROM THE AVERAGING PROCESS.

## PPI-RE Forecast (for Depreciation Component)

|       | <u>Forecast</u> | <u>Actual</u> | <u>1 Month Prelim</u> |
|-------|-----------------|---------------|-----------------------|
| 4Q/06 | 190.6           | 189.6         |                       |
| 1Q/07 | 191.6           | 194.8         |                       |
| 2Q/07 | 200.9           | 195.9         |                       |
| 3Q/07 | 199.9           | 196.5         |                       |
| 4Q/07 | 200.2           | 197.0         |                       |
| 1Q/08 | 200.1           | 196.1         |                       |
| 2Q/08 | 196.9           | 198.5         |                       |
| 3Q/08 | 197.9           | 202.8         |                       |
| 4Q/08 | 204.8           | 203.1         |                       |
| 1Q/09 | 211.6           | 200.9         |                       |
| 2Q/09 | 199.9           | 201.9         |                       |
| 3Q/09 | 206.0           | 200.2         |                       |
| 4Q/09 | 198.9           | 203.5         |                       |
| 1Q/10 | 203.3           | 204.8         |                       |
| 2Q/10 | 204.3           | 204.2         |                       |
| 3Q/10 | 205.9           | 204.1         |                       |
| 4Q/10 | 205.5           | 203.8         |                       |
| 1Q/11 | 204.2           | 204.6         |                       |
| 2Q/11 | 204.6           | 205.8         |                       |
| 3Q/11 | 206.1           |               | 207.3                 |
| 4Q/11 | 208.4           |               |                       |

1980 Base

|          | PPI-RE Forecast    |                          | Percent Change   |                        |                        |                      |
|----------|--------------------|--------------------------|------------------|------------------------|------------------------|----------------------|
|          | Yr Ago<br>(82=100) | Latest Month<br>(80=100) | Yr Ago<br>Actual | Latest Month<br>Actual | 2nd Prev<br>Qtr Actual | Previous<br>Forecast |
| 2011Q4   | (82=100)           | (80=100)                 |                  |                        |                        |                      |
| Low      | 184.4              | 204.0                    | 0.1%             |                        |                        |                      |
| Midpoint | 188.4              | 208.4                    | 2.3%             | 0.5%                   | 1.3%                   | 1.1%                 |
| High     | 192.5              | 212.9                    | 4.5%             |                        |                        |                      |



# Databases, Tables & Calculators by Subject

FONT SIZE


**Change Output Options:**

From 2010 To 2011

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Data extracted on: August 17, 2011 (9:22:51 AM)

## Producer Price Index-Commodities

**Series Id:** WPU144  
**Not Seasonally Adjusted**  
**Group:** Transportation equipment  
**Item:** Railroad equipment  
**Base Date:** 198200

**Download:** .xls

| Year        | Jan   | Feb   | Mar   | Apr      | May      | Jun      | Jul      | Aug   | Sep   | Oct   | Nov   | Dec   | Annual |
|-------------|-------|-------|-------|----------|----------|----------|----------|-------|-------|-------|-------|-------|--------|
| <b>2010</b> | 184.5 | 184.7 | 184.5 | 184.5    | 184.6    | 184.6    | 184.5    | 184.5 | 184.5 | 184.2 | 184.2 | 184.2 | 184.4  |
| <b>11</b>   | 184.9 | 185.1 | 187.0 | 185.2(P) | 187.0(P) | 185.8(P) | 187.4(P) |       |       |       |       |       |        |

Preliminary. All indexes are subject to revision four months after original publication.

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Database I:\Indexes2\RCAF\2011Q4\5Deprec\FPre\_ppi.xls is open and ready for use.

#### Expert data exploration of dependent variable PPIRE

Length 72 Minimum 161.700 Maximum 187.400  
 Mean 178.050 Standard deviation 7.109

Classical decomposition (multiplicative)  
 Trend-cycle: 94.34% Seasonal: 0.76% Irregular: 4.90%

Choice is narrowed down to Box-Jenkins or exponential smoothing.

Exponential smoothing outperforms Box-Jenkins by 0.905 to 1.281 out-of-sample  
 Mean Absolute Deviation. I tried 78 forecasts up to a maximum horizon 12.

Series is trended and nonseasonal.

Recommended model: Exponential Smoothing

Forecast Model for PPIRE

Holt exponential smoothing: Linear trend, No seasonality

| Component | Smoothing Weight | Final Value |
|-----------|------------------|-------------|
| Level     | 0.83361          | 187.22      |
| Trend     | 0.02184          | 0.30211     |

#### Within-Sample Statistics

|                      |                              |
|----------------------|------------------------------|
| Sample size 72       | Number of parameters 2       |
| Mean 178             | Standard deviation 7.109     |
| R-square 0.9758      | Adjusted R-square 0.9754     |
| Durbin-Watson 2.037  | Ljung-Box(18)=18.07 P=0.5488 |
| Forecast error 1.115 | BIC 1.166                    |
| MAPE 0.004629        | RMSE 1.099                   |
| MAD 0.8231           |                              |

#### Forecast Report

Wed Aug 17 09:36:42 2011

Exponential Smoothing model for PPIRE

Analysis of Historic Fit Set

| Date    | Historic |
|---------|----------|
| 2005-08 | 161.800  |
| 2005-09 | 161.800  |
| 2005-10 | 161.700  |
| 2005-11 | 161.900  |
| 2005-12 | 162.200  |
| 2006-01 | 164.200  |
| 2006-02 | 165.500  |
| 2006-03 | 168.200  |
| 2006-04 | 168.200  |
| 2006-05 | 169.600  |
| 2006-06 | 171.300  |
| 2006-07 | 170.600  |
| 2006-08 | 170.900  |
| 2006-09 | 170.400  |
| 2006-10 | 170.200  |
| 2006-11 | 170.300  |
| 2006-12 | 172.700  |
| 2007-01 | 173.900  |

**re\_ppi.txt**

|         |         |
|---------|---------|
| 2007-02 | 175.600 |
| 2007-03 | 176.100 |
| 2007-04 | 174.200 |
| 2007-05 | 175.600 |
| 2007-06 | 176.400 |
| 2007-07 | 177.400 |
| 2007-08 | 177.400 |
| 2007-09 | 177.900 |
| 2007-10 | 177.500 |
| 2007-11 | 177.700 |
| 2007-12 | 177.500 |
| 2008-01 | 178.400 |
| 2008-02 | 178.200 |
| 2008-03 | 177.600 |
| 2008-04 | 178.700 |
| 2008-05 | 178.000 |
| 2008-06 | 181.200 |
| 2008-07 | 180.800 |
| 2008-08 | 181.700 |
| 2008-09 | 182.900 |
| 2008-10 | 181.900 |
| 2008-11 | 181.600 |
| 2008-12 | 180.700 |
| 2009-01 | 181.600 |
| 2009-02 | 181.800 |
| 2009-03 | 181.600 |
| 2009-04 | 183.100 |
| 2009-05 | 180.000 |
| 2009-06 | 180.000 |
| 2009-07 | 179.900 |
| 2009-08 | 179.900 |
| 2009-09 | 183.800 |
| 2009-10 | 183.600 |
| 2009-11 | 183.600 |
| 2009-12 | 184.400 |
| 2010-01 | 184.500 |
| 2010-02 | 184.700 |
| 2010-03 | 184.500 |
| 2010-04 | 184.500 |
| 2010-05 | 184.600 |
| 2010-06 | 184.600 |
| 2010-07 | 184.500 |
| 2010-08 | 184.500 |
| 2010-09 | 184.500 |
| 2010-10 | 184.200 |
| 2010-11 | 184.200 |
| 2010-12 | 184.200 |
| 2011-01 | 184.900 |
| 2011-02 | 185.100 |
| 2011-03 | 187.000 |
| 2011-04 | 185.200 |
| 2011-05 | 187.000 |
| 2011-06 | 185.800 |
| 2011-07 | 187.400 |

**Forecasted Values**

| Date    | 2.5 Lower | Forecast | 97.5 Upper |
|---------|-----------|----------|------------|
| 2011-08 | 185.233   | 187.519  | 189.805    |
| 2011-09 | 184.818   | 187.821  | 190.824    |
| 2011-10 | 184.545   | 188.123  | 191.702    |
| 2011-11 | 184.351   | 188.425  | 192.499    |
| 2011-12 | 184.212   | 188.727  | 193.243    |
| 2012-01 | 184.112   | 189.029  | 193.947    |

re\_ppi.txt

|         |         |         |         |
|---------|---------|---------|---------|
| 2012-02 | 184.043 | 189.332 | 194.620 |
| 2012-03 | 183.998 | 189.634 | 195.269 |
| 2012-04 | 183.973 | 189.936 | 195.898 |
| 2012-05 | 183.965 | 190.238 | 196.510 |
| 2012-06 | 183.972 | 190.540 | 197.108 |
| 2012-07 | 183.992 | 190.842 | 197.692 |

## Calculation of Interest Rate for RCAF

| <u>Sch. 210</u>      | <b>2010</b>      |
|----------------------|------------------|
|                      | Col. b.          |
| L. 42                | 1,253,930        |
| L. 44                | 7,625            |
| -L. 22               | 4,123            |
| <b>Tot. Interest</b> | <b>1,257,432</b> |

| <u>Sch. 200</u>  | (close of year)<br>Col. b. | (beg. of year)<br>Col. c. | Avg.                |
|------------------|----------------------------|---------------------------|---------------------|
| L. 30            | 110,606                    | 108,512                   |                     |
| L. 39            | 751,259                    | 797,917                   |                     |
| L. 41            | 2,821,270                  | 2,779,616                 |                     |
| L. 42            | 1,247,452                  | 1,311,458                 |                     |
| L. 43            | 3,123,181                  | 3,385,858                 |                     |
| L. 44            | 0                          | 0                         |                     |
| L. 45            | 9,365,141                  | 9,405,947                 |                     |
| L. 46            | 82,819                     | 72,891                    |                     |
| <b>Tot. Debt</b> | <b>17,501,728</b>          | <b>17,862,199</b>         | <b>17,681,963.5</b> |
|                  |                            |                           | 7.11%               |

Index (1980=100)

|      |
|------|
| 90.6 |
|------|

| <u>Sch. 210</u>      | <b>1980</b>      |
|----------------------|------------------|
|                      | Col. b.          |
| L. 44                | 1,015,377        |
| L. 46                | 19,097           |
| -L. 22               | 413              |
| <b>Tot. Interest</b> | <b>1,034,061</b> |

| <u>Sch. 200</u>  | Col. b.           | Col. c.           |
|------------------|-------------------|-------------------|
| L. 26            | 56,047            | 40,480            |
| L. 34            | 975,151           | 1,016,289         |
| L. 36            | 4,459,060         | 4,230,627         |
| L. 37            | 6,110,818         | 5,461,765         |
| L. 38            | 1,477,000         | 1,519,719         |
| L. 39            | 207,142           | 207,142           |
| L. 40            | 393,362           | 279,509           |
| L. 41            | (54,679)          | (24,481)          |
| <b>Tot. Debt</b> | <b>13,623,901</b> | <b>12,731,050</b> |
|                  |                   | 7.85%             |

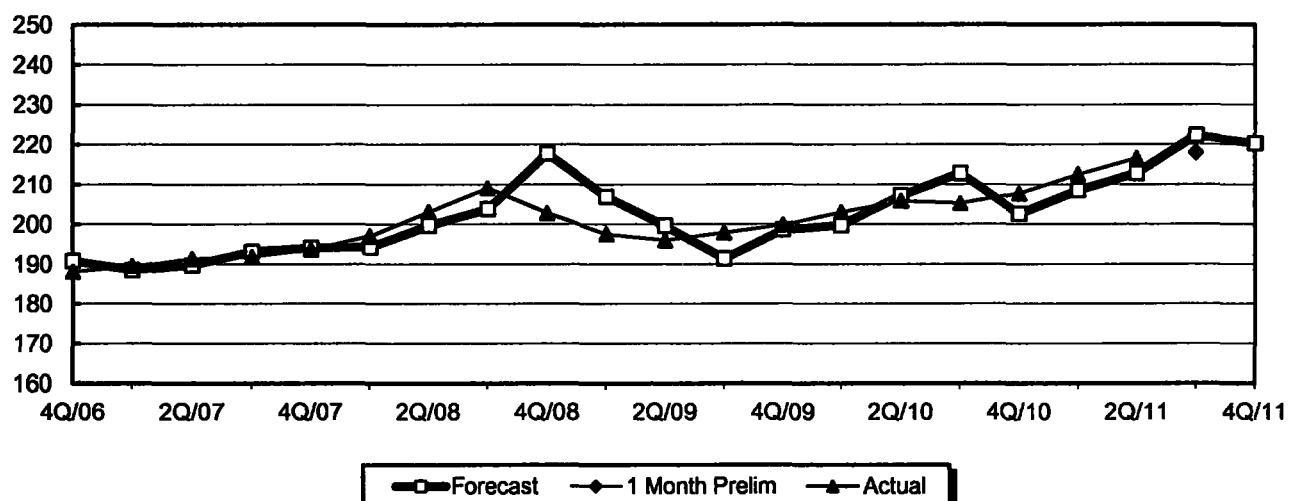
## PPI-LF Forecast (for Other and Lease Rentals Components)

|       | <u>Forecast</u> | <u>Actual</u> | <u>1 Month Prelim</u> |
|-------|-----------------|---------------|-----------------------|
| 4Q/06 | 190.9           | 188.2         |                       |
| 1Q/07 | 188.6           | 189.5         |                       |
| 2Q/07 | 189.8           | 191.4         |                       |
| 3Q/07 | 193.2           | 191.9         |                       |
| 4Q/07 | 194.1           | 193.7         |                       |
| 1Q/08 | 194.3           | 197.1         |                       |
| 2Q/08 | 199.7           | 203.1         |                       |
| 3Q/08 | 203.8           | 209.2         |                       |
| 4Q/08 | 217.8           | 202.8         |                       |
| 1Q/09 | 207.0           | 197.6         |                       |
| 2Q/09 | 199.7           | 196.1         |                       |
| 3Q/09 | 191.5           | 198.0         |                       |
| 4Q/09 | 198.7           | 199.9         |                       |
| 1Q/10 | 199.8           | 203.1         |                       |
| 2Q/10 | 207.3           | 205.9         |                       |
| 3Q/10 | 212.9           | 205.3         |                       |
| 4Q/10 | 202.6           | 207.8         |                       |
| 1Q/11 | 208.6           | 212.6         |                       |
| 2Q/11 | 212.9           | 216.6         |                       |
| 3Q/11 | 222.3           | 218.0         |                       |
| 4Q/11 | 220.3           |               |                       |

1980 Base

|          | <u>PPI-LF Forecast</u> |          | Yr Ago<br>Actual | Percent Change         |                        |                      |
|----------|------------------------|----------|------------------|------------------------|------------------------|----------------------|
|          | (82=100)               | (80=100) |                  | Latest Month<br>Actual | 2nd Prev<br>Qtr Actual | Previous<br>Forecast |
| 2011Q4   | 190.6                  | 213.7    | 2.8%             |                        |                        |                      |
| Low      | 190.6                  | 213.7    | 2.8%             |                        |                        |                      |
| Midpoint | 196.5                  | 220.3    | 6.0%             | 1.1%                   | 1.7%                   | -0.9%                |
| High     | 202.4                  | 226.9    | 9.2%             |                        |                        |                      |

### PPI-LF Forecast 2011Q4



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## Producer Price Index-Commodities

**Series Id:** WPU03T15M05

Not Seasonally Adjusted

**Group:** Industrial Commodities less fuels**Item:** Industrial commodities less fuels**Base Date:** 198200Download: [.xls](#)

| Year | Jan   | Feb   | Mar   | Apr      | May      | Jun      | Jul      | Aug   | Sep   | Oct   | Nov   | Dec   | Annual |
|------|-------|-------|-------|----------|----------|----------|----------|-------|-------|-------|-------|-------|--------|
| 2010 | 180.2 | 181.2 | 182.4 | 183.8    | 184.0    | 183.1    | 182.7    | 183.1 | 183.5 | 184.6 | 185.4 | 186.3 | 183.4  |
| 2011 | 188.6 | 190.2 | 191.2 | 192.3(P) | 193.4(P) | 194.0(P) | 194.5(P) |       |       |       |       |       |        |

Preliminary. All indexes are subject to revision four months after original publication.

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**1f\_ppi.txt**

**Forecast Pro Version 4.3 Standard Edition**

Database I:\Indexes2\RCAF\2011Q4\7Other\FPlf\_ppi.xls is open and ready for use.

**Expert data exploration of dependent variable PPILF**

Length 72 Minimum 157.500 Maximum 194.500  
Mean 176.072 Standard deviation 9.123

**Classical decomposition (multiplicative)**  
Trend-cycle: 93.19% Seasonal: 1.32% Irregular: 5.49%

Log transform recommended for Box-Jenkins.

Choice is narrowed down to Box-Jenkins or exponential smoothing.

Exponential smoothing outperforms Box-Jenkins by 3.479 to 3.481 out-of-sample Mean Absolute Deviation. I tried 78 forecasts up to a maximum horizon 12. For Box-Jenkins, I used a log transform.

Series is trended and seasonal.

Recommended model: Exponential Smoothing

Forecast Model for PPILF

Additive Winters: Linear trend, Additive seasonality

| Component | Smoothing Weight | Final Value |
|-----------|------------------|-------------|
| Level     | 1.00000          | 194.50      |
| Trend     | 0.99847          | 0.50015     |
| Seasonal  | 0.00396          |             |

**Seasonal Indexes**

|                    |                                      |
|--------------------|--------------------------------------|
| January - March    | 3.5413e-011-1.6219e-012-1.2168e-012  |
| April - June       | -7.4983e-012 5.1632e-012-2.2650e-011 |
| July - September   | 2.2074e-012-9.9670e-012-1.5817e-011  |
| October - December | 4.2343e-012 1.7826e-011-6.0725e-012  |

**Within-Sample Statistics**

|                       |                              |
|-----------------------|------------------------------|
| Sample size 72        | Number of parameters 3       |
| Mean 176.1            | Standard deviation 9.123     |
| R-square 0.9927       | Adjusted R-square 0.9925     |
| Durbin-Watson 1.97    | Ljung-Box(18)=16.31 P=0.4293 |
| Forecast error 0.7897 | BIC 0.8451                   |
| MAPE 0.00327          | RMSE 0.7731                  |
| MAD 0.5764            |                              |

**Forecast Report**

Wed Aug 17 10:19:27 2011

Exponential Smoothing model for PPILF

Analysis of Historic Fit Set

| Date    | Historic |
|---------|----------|
| 2005-08 | 157.500  |
| 2005-09 | 158.700  |
| 2005-10 | 160.500  |
| 2005-11 | 161.000  |
| 2005-12 | 161.300  |
| 2006-01 | 162.500  |

1f\_ppi.txt

|         |         |
|---------|---------|
| 2006-02 | 163.200 |
| 2006-03 | 163.800 |
| 2006-04 | 164.800 |
| 2006-05 | 166.400 |
| 2006-06 | 166.800 |
| 2006-07 | 167.100 |
| 2006-08 | 167.500 |
| 2006-09 | 167.600 |
| 2006-10 | 167.700 |
| 2006-11 | 167.800 |
| 2006-12 | 167.900 |
| 2007-01 | 168.200 |
| 2007-02 | 168.600 |
| 2007-03 | 169.400 |
| 2007-04 | 170.300 |
| 2007-05 | 170.800 |
| 2007-06 | 171.000 |
| 2007-07 | 171.400 |
| 2007-08 | 171.100 |
| 2007-09 | 171.200 |
| 2007-10 | 172.200 |
| 2007-11 | 173.100 |
| 2007-12 | 173.100 |
| 2008-01 | 174.700 |
| 2008-02 | 175.900 |
| 2008-03 | 177.400 |
| 2008-04 | 179.800 |
| 2008-05 | 181.800 |
| 2008-06 | 183.200 |
| 2008-07 | 185.900 |
| 2008-08 | 186.600 |
| 2008-09 | 186.200 |
| 2008-10 | 183.700 |
| 2008-11 | 179.900 |
| 2008-12 | 177.400 |
| 2009-01 | 176.900 |
| 2009-02 | 176.100 |
| 2009-03 | 175.600 |
| 2009-04 | 175.000 |
| 2009-05 | 174.900 |
| 2009-06 | 175.200 |
| 2009-07 | 175.500 |
| 2009-08 | 176.600 |
| 2009-09 | 177.200 |
| 2009-10 | 177.700 |
| 2009-11 | 178.100 |
| 2009-12 | 178.900 |
| 2010-01 | 180.200 |
| 2010-02 | 181.200 |
| 2010-03 | 182.400 |
| 2010-04 | 183.800 |
| 2010-05 | 184.000 |
| 2010-06 | 183.100 |
| 2010-07 | 182.700 |
| 2010-08 | 183.100 |
| 2010-09 | 183.500 |
| 2010-10 | 184.600 |
| 2010-11 | 185.400 |
| 2010-12 | 186.300 |
| 2011-01 | 188.600 |
| 2011-02 | 190.200 |
| 2011-03 | 191.200 |
| 2011-04 | 192.300 |
| 2011-05 | 193.400 |
| 2011-06 | 194.000 |
| 2011-07 | 194.500 |

### 1f\_ppi.txt

#### Forecasted values

| Date    | 2.5 Lower | Forecast | 97.5 Upper |
|---------|-----------|----------|------------|
| 2011-08 | 193.344   | 195.000  | 196.657    |
| 2011-09 | 191.799   | 195.500  | 199.202    |
| 2011-10 | 191.035   | 196.000  | 200.966    |
| 2011-11 | 190.533   | 196.501  | 202.469    |
| 2011-12 | 190.176   | 197.001  | 203.825    |
| 2012-01 | 189.916   | 197.501  | 205.086    |
| 2012-02 | 189.725   | 198.001  | 206.277    |
| 2012-03 | 189.588   | 198.501  | 207.415    |
| 2012-04 | 189.493   | 199.001  | 208.510    |
| 2012-05 | 189.433   | 199.502  | 209.570    |
| 2012-06 | 189.403   | 200.002  | 210.600    |
| 2012-07 | 189.399   | 200.502  | 211.605    |

## Forecast Error Calculation

|                     |   | Second Quarter 2011 |          | Pct. Diff. | Notes   |
|---------------------|---|---------------------|----------|------------|---|
|                     | 2009 Weight   | 2011Q2 Forecast     | Actual   |            |   |
| Labor               | 34.7%   | 379.6               | 379.6    | 0.0        | * actual=forecast   |
| Fuel                | 14.9%   | 368.4               | 408.3    | 39.9       | from 1st month of quarter   |
| M&S                 | 5.1%  | 249.0               | 249.0    | 0.0        | * actual=forecast   |
| Equip Rents         | 7.1%  | 203.1               | 205.7    | 2.6        | from Equipment Rents below  |
| Depreciation        | 13.9%   | 204.6               | 205.8    | 1.2        | pPI-RE <span style="border: 1px solid black; padding: 2px;">185.20</span> |
| Interest            | 3.0%  | 84.5                | 84.5     | 0.0        | * actual=forecast   |
| Other               | 21.3%   | 212.9               | 216.6    | 3.7        | pPI-LF <span style="border: 1px solid black; padding: 2px;">185.80</span> |
| Weighted Avg        | <u>100.0%</u>   |                     |          |            | <span style="border: 1px solid black; padding: 2px;">0.9040</span>        |
| 1980 = 100          |   | 290.1               | 297.1    |            | calculated  |
| 1980 = 100 (linked) |   | 284.4               | 291.0    |            | calculated  |
| 4Q07 = 100          |   | 115.7               | 118.3    |            | calculated  |
| 4Q02 = 100          |   | 148.0               | 151.5    |            | calculated  |
| 4Q97 = 100          |   | 164.2               | 168.0    |            | calculated  |
| 4Q92 = 100          |   | 181.3               | 185.5    |            | calculated  |
| Forecast Error      | →   | 2.6                 |          |            | calculated<br>0.026 = RCAF adj.   |
| Prior Quarter       |   |                     |          |            |   |
| 1980 = 100          |   | 277.9               | 283.2 ** |            |   |
| 1980 = 100 (linked) |   | 272.4               | 277.4    |            |   |
| 4Q07 = 100          |   | 110.8               | 112.8    |            | calculated  |
| 4Q02 = 100          |   | 141.8               | 144.4    |            | calculated  |
| 4Q97 = 100          |   | 157.3               | 160.2    |            | calculated  |
| 4Q92 = 100          |   | 173.6               | 176.8    |            | calculated  |
| Equipment Rents     |   |                     |          |            |   |
| Car Hire            | <span style="border: 1px solid black; padding: 2px;">42.2%</span> | 178.6               | 178.9    |            |   |
| Lease Rentals       | <span style="border: 1px solid black; padding: 2px;">57.8%</span> | 212.9               | 216.6    |            | from Equipment Rents/CHARM<br>(equals PPI-LF from above)                  |
| Weighted Average    |   | 198.4               | 200.7    |            |   |
| Linked              |   | 203.1               | 205.7    |            |   |
| Prior Quarter       |   |                     |          |            |   |
| Weighted Average    |   | 199.2               | 201.2 ** |            |   |
| Linked              |   | 203.9               | 206.2    |            |   |
| Sum of Weights      | ok  |                     |          |            |   |
| Sum of ER Wt.       | ok  |                     |          |            |   |

\*\* If fourth quarter, weighted avg for prior needs to use new weights, linked is ok

## All-Inclusive Index (Actual)

|                        | 09 Wts               | 08 Wts       | 3Q/10<br>09 Wts | % Chg.      | 4Q/10<br>09 Wts | % Chg.      | 1Q/11<br>09 Wts | % Chg.      | 2Q/11<br>09 Wts | % Chg.      | 3Q/11<br>09 Wts | % Chg.    |
|------------------------|----------------------|--------------|-----------------|-------------|-----------------|-------------|-----------------|-------------|-----------------|-------------|-----------------|-----------|
| <b>Labor</b>           | 34.7%                | 356.3        | 356.3           | 0.0%        | 367.4           | 3.1%        | 378.3           | 3.0%        | 379.6           | 0.3%        | NA              | NA        |
| <b>Fuel</b>            | 14.9%                | 261.3        | 261.3           | 0.0%        | 290.2           | 11.1%       | 324.6           | 11.9%       | 408.3           | 25.8%       | NA              | NA        |
| <b>M&amp;S</b>         | 5.1%                 | 241.0        | 241.0           | 0.0%        | 251.8           | 4.5%        | 248.1           | -1.5%       | 249.0           | 0.4%        | 257.9           | 3.6%      |
| <b>Equipment Rents</b> | 7.1%                 | 200.8        | 200.8           | 0.0%        | 203.3           | 1.2%        | 206.2           | 1.4%        | 205.7           | -0.2%       | 0.0             | NA        |
| <b>Depreciation</b>    | 13.9%                | 204.1        | 204.1           | 0.0%        | 203.8           | -0.1%       | 204.6           | 0.4%        | 205.8           | 0.6%        | NA              | NA        |
| <b>Interest</b>        | 3.0%                 | 83.9         | 83.9            | 0.0%        | 84.5            | 0.7%        | 84.5            | 0.0%        | 84.5            | 0.0%        | 84.5            | 0.0%      |
| <b>Other</b>           | 21.3%                | 205.3        | 205.3           | 0.0%        | 207.8           | 1.2%        | 212.6           | 2.3%        | 216.6           | 1.9%        | NA              | NA        |
|                        | <b><u>1.0000</u></b> |              |                 |             |                 |             |                 |             |                 |             |                 |           |
| <b>Weighted Avg.</b>   |                      | <b>263.6</b> | <b>263.7</b>    | <b>0.0%</b> | <b>273.1</b>    | <b>3.6%</b> | <b>283.2</b>    | <b>3.7%</b> | <b>297.1</b>    | <b>4.9%</b> | <b>15.7</b>     | <b>NA</b> |
| <b>Linked</b>          |                      | <b>258.3</b> |                 |             | <b>267.5</b>    | <b>3.6%</b> | <b>277.4</b>    | <b>3.7%</b> | <b>291.0</b>    | <b>4.9%</b> | <b>15.4</b>     | <b>NA</b> |
| <b>10/1/80</b>         |                      | <b>251.5</b> |                 |             | <b>260.5</b>    | <b>3.6%</b> | <b>270.1</b>    | <b>3.7%</b> | <b>283.3</b>    | <b>4.9%</b> | <b>15.0</b>     | <b>NA</b> |
| <b>10/1/82</b>         |                      | <b>213.6</b> |                 |             | <b>221.3</b>    | <b>3.6%</b> | <b>229.4</b>    | <b>3.7%</b> | <b>240.7</b>    | <b>4.9%</b> | <b>12.7</b>     | <b>NA</b> |
| <b>4Q/87</b>           |                      | <b>195.4</b> |                 |             | <b>202.3</b>    | <b>3.5%</b> | <b>209.8</b>    | <b>3.7%</b> | <b>220.1</b>    | <b>4.9%</b> | <b>11.6</b>     | <b>NA</b> |
| <b>4Q/92</b>           |                      | <b>164.6</b> |                 |             | <b>170.5</b>    | <b>3.6%</b> | <b>176.8</b>    | <b>3.7%</b> | <b>185.5</b>    | <b>4.9%</b> | <b>9.8</b>      | <b>NA</b> |
| <b>4Q/97</b>           |                      | <b>149.1</b> |                 |             | <b>154.4</b>    | <b>3.6%</b> | <b>160.2</b>    | <b>3.8%</b> | <b>168.0</b>    | <b>4.9%</b> | <b>8.9</b>      | <b>NA</b> |
| <b>4Q/02</b>           |                      | <b>134.5</b> |                 |             | <b>139.3</b>    | <b>3.6%</b> | <b>144.4</b>    | <b>3.7%</b> | <b>151.5</b>    | <b>4.9%</b> | <b>8.0</b>      | <b>NA</b> |
| <b>4Q/07</b>           |                      | <b>105.0</b> |                 |             | <b>108.8</b>    | <b>3.6%</b> | <b>112.8</b>    | <b>3.7%</b> | <b>118.3</b>    | <b>4.9%</b> | <b>6.3</b>      | <b>NA</b> |

## Equipment Rents

|                        | 08 Wts | 09 Wts       | 1Q/11<br>09 Wts | % Chg. | 2Q/11<br>09 Wts | % Chg.      | 3Q/11<br>09 Wts | % Chg.       |
|------------------------|--------|--------------|-----------------|--------|-----------------|-------------|-----------------|--------------|
| <b>Car Hire</b>        | 42.2%  | 183.3        | 183.3           | 0.0%   | 185.5           | 1.2%        | 185.6           | 0.1%         |
| <b>Lease Rentals</b>   | 57.8%  | 205.3        | 205.3           | 0.0%   | 207.8           | 1.2%        | 212.6           | 2.3%         |
| <b>ER Weighted Avg</b> | 1.0000 | 195.6        | 196.0           | 0.2%   | 198.4           | 1.2%        | 201.2           | 1.4%         |
| <b>ER Linked</b>       |        | <b>200.8</b> |                 |        | <b>203.3</b>    | <b>1.2%</b> | <b>206.2</b>    | <b>1.4%</b>  |
|                        |        |              |                 |        |                 |             | <b>205.7</b>    | <b>-0.2%</b> |

## Equipment Check/Overnight Charge

|                           | 08 Wts | 09 Wts         | 1Q/11<br>09 Wts | % Chg.       | 2Q/11<br>09 Wts | % Chg.       | 3Q/11<br>09 Wts | % Chg.       |
|---------------------------|--------|----------------|-----------------|--------------|-----------------|--------------|-----------------|--------------|
| <b>Freight Car Supply</b> | 42.0%  | 107.603        | 123.336         | 15.3%        | 123.336         | 0.0%         | 123.336         | 0.0%         |
| <b>Equipment Rents</b>    | 57.8%  | 65.848         | 38.934          | -43.8%       | 38.934          | 0.0%         | 38.934          | 0.0%         |
| <b>Depreciation</b>       | 1.0000 | 122.617        | 122.617         | 0.0%         | 122.617         | 0.0%         | 122.617         | 0.0%         |
| <b>Interest</b>           |        | 12.650         | 14.257          | 12.5%        | 14.257          | 14.257       | 14.257          | 14.257       |
| <b>Other</b>              |        | 12.226         | 12.226          | 0.0%         | 12.226          | 0.0%         | 12.226          | 0.0%         |
| <b>Weighted Avg</b>       |        | 197.010        | 197.010         | 0.0%         | 197.010         | 0.0%         | 197.010         | 0.0%         |
| <b>ER Weighted Avg</b>    |        | 263.632        | 263.632         | 0.0%         | 263.632         | 0.0%         | 263.632         | 0.0%         |
|                           |        | <b>195.621</b> | <b>196.047</b>  | <b>193.5</b> | <b>196.047</b>  | <b>193.5</b> | <b>196.047</b>  | <b>193.5</b> |

|   |
|---|
| Note: 2010Q4 M&S Index was corrected from 251.7 filed to 251.8 corrected because of an August revision by one railroad that caused the index to round up instead of round down. The change also means that the RCAF as filed should have been rounded up instead of rounded down. |
|---|

|   |
|---|
| Note: 2011Q3 M&S Index was corrected from 257.8 filed to 257.9 corrected because of an August revision by one railroad that caused the index to round up instead of round down. The change also means that the RCAF as filed should have been rounded up instead of rounded down. |
|---|

# RCAF Fuel (Actual All-Inclusive Index)

April 2011

## Monthly Report

| 1/91 New                              |                                   |                                     |  |                                      |  |
|---------------------------------------|-----------------------------------|-------------------------------------|--|--------------------------------------|--|
| April 2011<br>Price<br>(cents)<br>(1) | 1/1/81<br>Price<br>(cents)<br>(2) | Method<br>Linking<br>Factors<br>(3) | April 2011<br>Index<br>1/1/81=100<br>(4) | Linking<br>Factor<br>1980=100<br>(5) | April 2011<br>1980=100<br>Current Index<br>(6) |
| U.S. <b>334.10</b>                    | 89.34                             | 99.415                              | 371.78                                   | 1.096                                | 407.47   |

(4) = (1) / (2) x (3)

(6) = (4) x (5)

---

## Final Actual All-inclusive Index Used for RCAF's Forecast Error Adjustment

| April 2011<br>1980=100 | Current<br>Index | Adjustment<br>Factor | April 2011<br>1980=100 | Linked<br>Index |
|------------------------|------------------|----------------------|------------------------|-----------------|
| U.S. <b>407.47</b>     |                  | <b>1.00192</b>       |                        | <b>408.25 ←</b> |

|         |      |
|---------|------|
| January | = Q1 |
| April   | = Q2 |
| July    | = Q3 |
| October | = Q4 |

## Car Hire for RCAF

### RCAF (Actual)

|                          | 1980  | Aug<br>3Q/10 | Nov<br>4Q/10 | Feb<br>1Q/11 | May<br>2Q/11 | Aug<br>3Q/11 |
|--------------------------|-------|--------------|--------------|--------------|--------------|--------------|
| <b>RATE</b>              |       |              |              |              |              |              |
| RR-OWNED TIME            | 31.00 | 67.00        | 67.00        | 68.00        | 67.00        | --           |
| RR-OWNED MILEAGE         | 4.69  | 7.20         | 7.20         | 7.20         | 7.20         | --           |
| PRIVATELY-OWNED CARS     | 25.47 | 46.17        | 46.90        | 46.84        | 44.70        | --           |
| AUTORACKS                | 47.00 | 46.54        | 46.40        | 40.75        | 41.30        | --           |
| <b>INDEX</b>             |       |              |              |              |              |              |
| RR-OWNED TIME            | 100.0 | 216.1        | 216.1        | 219.4        | 216.1        | --           |
| RR-OWNED MILEAGE         | 100.0 | 153.5        | 153.5        | 153.5        | 153.5        | --           |
| PRIVATELY-OWNED CARS     | 100.0 | 181.3        | 184.2        | 183.9        | 175.5        | --           |
| AUTORACKS                | 100.0 | 99.0         | 98.7         | 86.7         | 87.9         | --           |
| CAR HIRE INDEX (old wts) | 2008  | 100.0        | 183.8        | --           | --           | --           |
| CAR HIRE INDEX (new wts) | 2009  | 100.0        | 183.7        | 185.9        | 186.0        | 179.3        |
| CAR HIRE INDEX (LINKED)  |       | 100.0        | 183.3        | 185.5        | 185.6        | 178.9        |

Note: Indexes are rounded, rates are full float.

### Equipment Rates Data From CHARM

|                                   | 2010 (first day of month) |              |              |              |              |              | 2011 (first day of month) |              |              |              |              |              |     |
|-----------------------------------|---------------------------|--------------|--------------|--------------|--------------|--------------|---------------------------|--------------|--------------|--------------|--------------|--------------|-----|
|                                   | Jul                       | Aug          | Sep          | Oct          | Nov          | Dec          | Jan                       | Feb          | Mar          | Apr          | May          | Jun          | Jul |
| <b>Railroad Equipment</b>         |                           |              |              |              |              |              |                           |              |              |              |              |              |     |
| No of Cars (cars with rates only) |                           |              |              |              |              |              |                           |              |              |              |              |              |     |
| Superstructures (Vehicular Flats) | 10,396                    | 10,392       | 10,618       | 10,828       | 10,585       | 10,559       | 10,510                    | 10,353       | 10,266       | 10,255       | 10,272       | 10,274       |     |
| Rate (in cents)                   | 17.0                      | 17.0         | 17.0         | 17.0         | 17.0         | 17.0         | 16.0                      | 17.0         | 20.0         | 20.0         | 20.0         | 20.0         |     |
| Superstructures #3 - Auto Rack    | 67.0                      | 67.0         | 67.0         | 67.0         | 67.0         | 68.0         | 67.0                      | 68.0         | 67.0         | 67.0         | 67.0         | 67.0         |     |
| All other #1 - Time               |                           |              |              |              |              |              |                           |              |              |              |              |              |     |
| All other #2 - Mileage            | 7.2                       | 7.2          | 7.2          | 7.2          | 7.2          | 7.2          | 7.2                       | 7.2          | 7.2          | 7.2          | 7.2          | 7.2          |     |
| <b>Private Equipment</b>          |                           |              |              |              |              |              |                           |              |              |              |              |              |     |
| No of Cars (cars with rates only) |                           |              |              |              |              |              |                           |              |              |              |              |              |     |
| Superstructures (Vehicular Flats) | 47,610                    | 47,511       | 47,385       | 47,275       | 47,156       | 46,994       | 46,905                    | 46,828       | 46,754       | 46,694       | 46,596       | 46,508       |     |
| Covered Hoppers                   | 330,437                   | 331,345      | 331,042      | 330,671      | 331,041      | 329,833      | 330,815                   | 330,911      | 332,163      | 331,316      | 332,470      | 332,006      |     |
| Tank Cars                         | 307,541                   | 307,292      | 305,605      | 306,350      | 306,182      | 305,781      | 305,398                   | 303,673      | 303,481      | 303,554      | 303,506      | 304,243      |     |
| Others                            | 304,018                   | 302,447      | 302,465      | 302,639      | 305,644      | 306,004      | 304,564                   | 303,562      | 303,500      | 306,372      | 307,236      | 307,676      |     |
| Rate (in cents)                   |                           |              |              |              |              |              |                           |              |              |              |              |              |     |
| Superstructures #1 - Time         | 78.0                      | 78.0         | 78.0         | 78.0         | 78.0         | 78.0         | 78.0                      | 78.0         | 78.0         | 78.0         | 78.0         | 78.0         |     |
| Superstructures #2 - Mileage      | 1.2                       | 1.2          | 1.2          | 1.2          | 1.2          | 1.2          | 1.2                       | 1.2          | 1.2          | 1.2          | 1.2          | 1.2          |     |
| Superstructures #3 - Auto Rack    | 53.0                      | 53.0         | 53.0         | 53.0         | 53.0         | 54.0         | 54.0                      | 46.0         | 46.0         | 46.0         | 46.0         | 46.0         |     |
| Covered Hoppers #2 - Mileage      | 42.9                      | 43.0         | 43.0         | 43.1         | 43.1         | 43.2         | 43.3                      | 42.7         | 42.9         | 43.0         | 43.1         | 43.1         |     |
| Tank Cars #2 - Mileage            | 78.8                      | 78.9         | 81.0         | 81.2         | 81.2         | 81.4         | 81.0                      | 81.4         | 79.9         | 74.0         | 74.1         | 74.1         |     |
| Others #1 - Time                  | 62.0                      | 62.0         | 62.0         | 62.0         | 63.0         | 63.0         | 63.0                      | 63.0         | 63.0         | 64.0         | 64.0         | 64.0         |     |
| Others #2 - Mileage               | 6.8                       | 6.8          | 6.8          | 6.8          | 6.8          | 6.8          | 6.8                       | 6.8          | 6.9          | 7.0          | 6.9          | 6.9          |     |
| <b>AVERAGE RATES</b>              |                           |              |              |              |              |              |                           |              |              |              |              |              |     |
| Private Superstructures           | 19.53                     | 19.53        | 19.53        | 19.53        | 19.53        | 19.53        | 19.53                     | 19.53        | 19.53        | 19.53        | 19.53        | 19.53        |     |
| Private Others                    | 20.56                     | 20.56        | 20.56        | 20.56        | 20.79        | 20.79        | 20.79                     | 20.79        | 20.89        | 20.89        | 21.21        | 21.21        |     |
| <b>Private Total</b>              | <b>46.07</b>              | <b>46.17</b> | <b>46.77</b> | <b>46.89</b> | <b>46.90</b> | <b>46.99</b> | <b>46.68</b>              | <b>46.84</b> | <b>44.59</b> | <b>44.56</b> | <b>44.70</b> | <b>44.68</b> |     |
| <b>Autoracks</b>                  | <b>46.55</b>              | <b>46.54</b> | <b>46.41</b> | <b>46.29</b> | <b>46.40</b> | <b>47.21</b> | <b>40.51</b>              | <b>40.75</b> | <b>40.78</b> | <b>41.32</b> | <b>41.30</b> | <b>41.30</b> |     |
| Check sum                         | 1,000                     | 1,000        |              |              |              |              |                           |              |              |              |              |              |     |

| WEIGHTS              | "Old Wts" |       | "New Wts" |      |
|----------------------|-----------|-------|-----------|------|
|                      | 2008      | 2009  | 2008      | 2009 |
| For RCRAF & RCR      |           |       |           |      |
| RR-owned Time        | 0.179     | 0.168 |           |      |
| RR-owned Mileage     | 0.100     | 0.084 |           |      |
| Privately-owned Cars | 0.709     | 0.735 |           |      |
| Autoracks            | 0.012     | 0.013 |           |      |
| Check sum            | 1,000     | 1,000 |           |      |

| Weights for Equipment Rents (not used in Car Hire calculation) | 2008           |                     | 2009           |                     |
|--|----------------|---------------------|----------------|---------------------|
|  | Car Hire - U.S | Lease Rentals - U.S | Car Hire - U.S | Lease Rentals - U.S |
| Car Hire - U.S   | 0.439          | 0.422               |                |                     |
| Lease Rentals - U.S  | 0.561          | 0.578               |                |                     |
| Check sum  | 1,000          | 1,000               |                |                     |

Note The 4 bold lines are used for the Car Hire Rate Private Total uses a weighted average of the Covered Hoppers, Tank Cars, Combined Private Superstructures, and Combined Private Others rates

PROGRAM: DPRB799  
CURRENT DATE: JUNE 01, 2011

PRIVATE EQUIPMENT 1 /  
AVERAGE RATE FOR 06/11

PAGE NO: 79

| CAR GROUP                              | CAR COUNT        | TIME    | MILEAGE      | CAR RENTAL RATES |
|--|------------------|---------|--------------|------------------|
| -VEHICULAR FLATS                       | 46,508           | 78 ¢/HR | .012 \$/MILE | 46 ¢/HR          |
| ONO. OF ZERO RATED VEH. FLATS 2 /      | 9                |         |              |                  |
| -COVERED HOPPERS                       | 332,006          | 0 ¢/HR  | .431 \$/MILE |                  |
| ONO. OF ZERO RATED COVERED HOPPERS 2 / | 10,487           |         |              |                  |
| -TANKS                                 | 304,243          | 0 ¢/HR  | .741 \$/MILE |                  |
| ONO. OF ZERO RATED TANKS 2 /           | 9,200            |         |              |                  |
| -ALL OTHER CARS                        | 307,676          | 64 ¢/HR | .069 \$/MILE |                  |
| ONO. OF ZERO RATED "OTHER" CARS 2 /    | 32,786           |         |              |                  |
| 0                                      | TOTAL: 1,042,915 |         |              |                  |

1/ THIS PRINT EXCLUDES THE FOLLOWING CAR TYPES:

CAR TYPE D - LOCOMOTIVES

CAR TYPE M - MAINTENANCE OF WAY, SCALE, PASSENGER, CABOOSE AND EOT DEVICE

CAR TYPE U - CONTAINERS

CAR TYPE Z - TRAILERS

0 ALL TTX EQUIPMENT (INCLUDING ABOX, RBOX AND GONX) IS SHOWN ON THE PRIVATE EQUIPMENT REPORT.  
-2/ EQUIPMENT CAN BE ZERO RATED DUE TO OWNERS SUPPLYING INCORRECT OR INSUFFICIENT INFORMATION TO THE CAR ACCOUNTING PROCESS OR CARS WITH RATE INDICATOR SIX (6). THIS EQUIPMENT IS ELIMINATED FROM THE AVERAGING PROCESS.

1/ PROGRAM: DPRB799  
CURRENT DATE: JUNE 01, 2011

RAILROAD EQUIPMENT 1 /

PAGE NO: 36

AVERAGE RATE FOR 06/11

| CAR GROUP                           | CAR COUNT | TIME     | MILEAGE      | AUTO RACK |
|-------------------------------------|-----------|----------|--------------|-----------|
| -VEHICULAR FLATS                    | 10,274    | 150 c/HR | .092 \$/MILE | 20 ¢/HR   |
| ONO. OF ZERO RATED VEH. FLATS 2 /   | 124       |          |              |           |
| -ALL OTHER CARS                     | 585,652   | 67 c/HR  | .072 \$/MILE |           |
| ONO. OF ZERO RATED "OTHER" CARS 2 / | 34,029    |          |              |           |
| 0                                   | TOTAL:    | 630,079  |              |           |

- 1/ THIS PRINT EXCLUDES THE FOLLOWING CAR TYPES:

CAR TYPE D - LOCOMOTIVES

CAR TYPE M - MAINTENANCE OF WAY, SCALE, PASSENGER, CABOOSE AND EOT DEVICE

CAR TYPE U - CONTAINERS

CAR TYPE Z - TRAILERS

0 ALL TTX EQUIPMENT (INCLUDING ABOX, RBOX AND GONX) IS SHOWN ON THE PRIVATE EQUIPMENT REPORT.

-2/ EQUIPMENT CAN BE ZERO RATED DUE TO OWNERS SUPPLYING INCORRECT OR INSUFFICIENT INFORMATION TO THE CAR ACCOUNTING PROCESS OR CARS WITH RATE INDICATOR SIX (6). THIS EQUIPMENT IS ELIMINATED FROM THE AVERAGING PROCESS.

# RCAF - Depreciation

Series ID : wpu144

Not Seasonally Adjusted

Group : Transportation equipment

Item : Railroad equipment

## Forecast Year 2011

As reported at end of month 82=100

|              |      | Nov.  | Feb.  | May   | Aug.  |
|--------------|------|-------|-------|-------|-------|
| For Forecast | →    | 11Q1  | 11Q2  | 11Q3  | 11Q4  |
| For Actual   | →    | 10Q3  | 10Q4  | 11Q1  | 11Q2  |
| January      | 2010 | 184.5 | 184.5 | 184.5 | 184.5 |
| February     | 2010 | 184.7 | 184.7 | 184.7 | 184.7 |
| March        | 2010 | 184.5 | 184.5 | 184.5 | 184.5 |
| April        | 2010 | 184.5 | 184.5 | 184.5 | 184.5 |
| May          | 2010 | 184.6 | 184.6 | 184.6 | 184.6 |
| June         | 2010 | 184.6 | 184.6 | 184.6 | 184.6 |
| July         | 2010 | 184.8 | 184.5 | 184.5 | 184.5 |
| August       | 2010 | 184.2 | 184.5 | 184.5 | 184.5 |
| September    | 2010 | 184.5 | 184.5 | 184.5 | 184.5 |
| October      | 2010 | 184.1 | 184.1 | 184.2 | 184.2 |
| November     | 2010 |       | 184.2 | 184.2 | 184.2 |
| December     | 2010 |       | 184.2 | 184.2 | 184.2 |
| January      | 2011 |       | 185.0 | 185.0 | 184.9 |
| February     | 2011 |       |       | 184.9 | 185.1 |
| March        | 2011 |       |       | 185.2 | 187.0 |
| April        | 2011 |       |       | 185.2 | 185.2 |
| May          | 2011 |       |       |       | 187.0 |
| June         | 2011 |       |       |       | 185.8 |
| July         | 2011 |       |       |       | 187.4 |
| Actual Qtr.  |      | 184.5 | 184.2 | 185.0 | 186.0 |

1980=100

0.904 =1980

|                     |       |       |       |       |
|---------------------|-------|-------|-------|-------|
| Actual Qtr.         | 204.1 | 203.8 | 204.6 | 205.8 |
| First Mo. next qtr. | 203.7 | 204.6 | 204.9 | 207.3 |

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**Producer Price Index-Commodities**

**Series Id:** WPU144  
**Not Seasonally Adjusted**  
**Group:** Transportation equipment  
**Item:** Railroad equipment  
**Base Date:** 198200

**Download:** .xls

| Year        | Jan   | Feb   | Mar   | Apr      | May      | Jun      | Jul      | Aug   | Sep   | Oct   | Nov   | Dec   | Annual |
|-------------|-------|-------|-------|----------|----------|----------|----------|-------|-------|-------|-------|-------|--------|
| <b>2010</b> | 184.5 | 184.7 | 184.5 | 184.5    | 184.6    | 184.6    | 184.5    | 184.5 | 184.5 | 184.2 | 184.2 | 184.2 | 184.4  |
| <b>11</b>   | 184.9 | 185.1 | 187.0 | 185.2(P) | 187.0(P) | 185.8(P) | 187.4(P) |       |       |       |       |       |        |

. Preliminary. All indexes are subject to revision four months after original publication.

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## RCAF - Other

Series ID : wpu03t15m05

Not Seasonally Adjusted

Group : Industrial Commodities less fuels

Item : Industrial commodities less fuels

**Forecast Year 2011**  
**As reported at end of month 82=100**

|                       |      | Nov.  | Feb.  | May   | Aug.  |
|-----------------------|------|-------|-------|-------|-------|
| <b>For Forecast</b> → |      | 11Q1  | 11Q2  | 11Q3  | 11Q4  |
| <b>For Actual</b> →   |      | 10Q3  | 10Q4  | 11Q1  | 11Q2  |
| January               | 2010 | 180.2 | 180.2 | 180.2 | 180.2 |
| February              | 2010 | 181.2 | 181.2 | 181.2 | 181.2 |
| March                 | 2010 | 182.4 | 182.4 | 182.4 | 182.4 |
| April                 | 2010 | 183.8 | 183.8 | 183.8 | 183.8 |
| May                   | 2010 | 184.0 | 184.0 | 184.0 | 184.0 |
| June                  | 2010 | 183.1 | 183.1 | 183.1 | 183.1 |
| July                  | 2010 | 182.7 | 182.7 | 182.7 | 182.7 |
| August                | 2010 | 183.0 | 183.1 | 183.1 | 183.1 |
| September             | 2010 | 183.6 | 183.5 | 183.5 | 183.5 |
| October               | 2010 | 184.6 | 184.6 | 184.6 | 184.6 |
| November              | 2010 |       | 185.5 | 185.4 | 185.4 |
| December              | 2010 |       | 186.2 | 186.3 | 186.3 |
| January               | 2011 |       | 188.1 | 188.1 | 188.6 |
| February              | 2011 |       |       | 189.8 | 190.2 |
| March                 | 2011 |       |       | 190.8 | 191.2 |
| April                 | 2011 |       |       | 192.3 | 192.3 |
| May                   | 2011 |       |       |       | 193.4 |
| June                  | 2011 |       |       |       | 194.0 |
| July                  | 2011 |       |       |       | 194.5 |
| Actual Qtr.           |      | 183.1 | 185.4 | 189.6 | 193.2 |

1980=100

0.892 =1980

Actual Qtr.

|       |       |       |       |
|-------|-------|-------|-------|
| 205.3 | 207.8 | 212.6 | 216.6 |
|-------|-------|-------|-------|

First Mo. next qtr.

|       |       |       |       |
|-------|-------|-------|-------|
| 207.0 | 210.9 | 215.6 | 218.0 |
|-------|-------|-------|-------|

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From 2010 To 2011

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**Producer Price Index-Commodities****Series Id:** WPU03T15M05

Not Seasonally Adjusted

**Group:** Industrial Commodities less fuels**Item:** Industrial commodities less fuels**Base Date:** 198200**Download:** .xls

| Year        | Jan   | Feb   | Mar   | Apr      | May      | Jun      | Jul      | Aug   | Sep   | Oct   | Nov   | Dec   | Annual |
|-------------|-------|-------|-------|----------|----------|----------|----------|-------|-------|-------|-------|-------|--------|
| <b>2010</b> | 180.2 | 181.2 | 182.4 | 183.8    | 184.0    | 183.1    | 182.7    | 183.1 | 183.5 | 184.6 | 185.4 | 186.3 | 183.4  |
| <b>11</b>   | 188.6 | 190.2 | 191.2 | 192.3(P) | 193.4(P) | 194.0(P) | 194.5(P) |       |       |       |       |       |        |

Preliminary. All indexes are subject to revision four months after original publication.

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**AAR 2010 Wage Statistics August 11, 2011**  
**U.S.**

| <b>Union</b>                 | <b>Employees<br/>Paid</b> | <b>Straight Time</b> |                 | <b>PFTNW<br/>Comp.</b> | <b>Union Lump<br/>Sums</b> |
|------------------------------|---------------------------|----------------------|-----------------|------------------------|----------------------------|
|                              |                           | <b>Hours</b>         | <b>Comp.</b>    |                        |                            |
| UTU                          | 37,596                    | 67,066,266           | 1,648,104,902   | 741,128,640            | 6,631,986                  |
| TCU                          | 6,765                     | 11,401,816           | 288,628,202     | 61,097,514             | 2,973,993                  |
| BLET                         | 25,352                    | 49,298,493           | 1,364,589,444   | 555,625,235            | 57,143,936                 |
| SMW                          | 968                       | 1,717,631            | 43,006,400      | 7,117,437              | 1,715                      |
| BRS                          | 6,542                     | 12,713,649           | 323,937,225     | 73,488,369             | 78,375                     |
| BMWE                         | 24,525                    | 44,810,098           | 1,009,545,458   | 195,058,027            | 4,601,925                  |
| TCU-CAR                      | 9,777                     | 17,812,565           | 444,009,235     | 76,803,394             | 97,298                     |
| NCFO                         | 2,268                     | 4,002,892            | 84,031,592      | 14,150,134             | 20,609                     |
| IAM                          | 6,707                     | 11,952,503           | 303,247,261     | 56,662,475             | 130,093                    |
| IBBM                         | 988                       | 1,693,432            | 38,915,205      | 6,293,481              | 118,201                    |
| IBEW                         | 5,135                     | 9,132,892            | 234,244,530     | 46,355,319             | 349,927                    |
| ATDA                         | 2,404                     | 4,194,809            | 160,163,509     | 28,642,650             | 4,241,878                  |
| UTU-YMD                      | 2,046                     | 3,330,799            | 113,412,705     | 31,031,676             | 920,634                    |
| OTHER                        | 24,839                    | 48,939,883           | 2,076,913,460   | 67,271,587             | [REDACTED]                 |
| Total                        | 155,912                   | 288,067,728          | \$8,132,749,128 | \$1,960,725,938        | \$77,310,570               |
| ST Comp less Union Lump Sums |                           |                      | \$8,055,438,558 |                        |                            |

**Checks**

| OK Match                  | OK Match | OK Match | OK Match      |
|---------------------------|----------|----------|---------------|
| Total including non-union |          | →        | \$237,553,941 |

## RCAF Weights

|              | U.S.         | East         | West         | 2010   | 2009   | Amt Chg | 2008   | 2007   | 2006   |
|--------------|--------------|--------------|--------------|--------|--------|---------|--------|--------|--------|
| Labor        | \$14,592,576 | \$6,154,582  | \$8,437,994  | 33.3%  | 34.7%  | -1.4%   | 30.2%  | 32.8%  | 34.5%  |
| Fuel         | 7,868,731    | 2,294,241    | 5,574,490    | 18.0%  | 14.9%  | 3.1%    | 25.2%  | 20.3%  | 19.2%  |
| Mat & Sup.   | 2,195,433    | 896,029      | 1,299,404    | 5.0%   | 5.1%   | -0.1%   | 5.1%   | 5.0%   | 5.0%   |
| Equip. Rents | 2,730,382    | 707,630      | 2,022,752    | 6.2%   | 7.1%   | -0.9%   | 6.3%   | 7.2%   | 7.8%   |
| Depreciation | 5,622,073    | 2,000,853    | 3,621,220    | 12.8%  | 13.9%  | -1.1%   | 10.4%  | 11.0%  | 10.6%  |
| Interest     | 1,252,528    | 504,656      | 747,872      | 2.9%   | 3.0%   | -0.1%   | 2.3%   | 2.7%   | 2.7%   |
| Other        | 9,525,407    | 4,092,850    | 5,432,557    | 21.8%  | 21.3%  | 0.5%    | 20.5%  | 21.0%  | 20.2%  |
| Total        | \$43,787,130 | \$16,650,841 | \$27,136,289 | 100.0% | 100.0% |         | 100.0% | 100.0% | 100.0% |

Check

|          |            |
|----------|------------|
| 410 620f | 42,534,602 |
| Interest | 1,252,528  |
| Total    | 43,787,130 |
|          | ok         |

Bolded number was adjusted to force rounded numbers to add to 100.0%.

| Other         | U.S.        | East        | West        | 2010  | 2009  | Amt Chg. |
|---------------|-------------|-------------|-------------|-------|-------|----------|
| Purch Service | \$6,177,729 | \$2,536,358 | \$3,641,371 | 14.1% | 13.8% | 0.3%     |
| Taxes         | 841,222     | 309,285     | 531,937     | 1.9%  | 2.0%  | -0.1%    |
| Cas & Insuran | 614,933     | 288,499     | 326,434     | 1.4%  | 1.3%  | 0.1%     |
| Loss & Dam    | 42,470      | 25,532      | 16,938      | 0.1%  | 0.2%  | -0.1%    |
| Gen & Admn    | 1,849,053   | 933,176     | 915,877     | 4.2%  | 4.1%  | 0.1%     |
| Total         | \$9,525,407 | \$4,092,850 | \$5,432,557 | 21.8% | 21.3% | 0.5%     |

| RCR and RCAF Internal Weights                           |             |            |             |              |              |              |              |             |
|---|-------------|------------|-------------|--------------|--------------|--------------|--------------|-------------|
|   | U.S.        | East       | West        | U.S.<br>2010 | East<br>2010 | West<br>2010 | U.S.<br>2009 | Amt<br>Diff |
| <b>Labor</b>  |             |            |             |              |              |              |              |             |
| Wages   | 10,180,101  | 4,119,693  | 6,060,408   | 69.8%        | 66.9%        | 71.8%        | 70.1%        | -0.3%       |
| Wage Supplm   | 4,412,475   | 2,034,889  | 2,377,586   | 30.2%        | 33.1%        | 28.2%        | 29.9%        | 0.3%        |
| Total   | 14,592,576  | 6,154,582  | 8,437,994   | 100.0%       | 100.0%       | 100.0%       | 100.0%       |             |
|   | ok          | ok         | ok          |              |              |              |              |             |
| <b>Depreciation (RCR)</b>                               |             |            |             |              |              |              |              |             |
| Road  | 3,869,689   | 1,470,484  | 2,399,205   | 68.8%        | 73.5%        | 66.3%        | 70.9%        | -2.1%       |
| Locomotive  | 975,438     | 274,712    | 700,726     | 17.4%        | 13.7%        | 19.3%        | 17.3%        | 0.1%        |
| Freight Car   | 280,775     | 160,513    | 120,262     | 5.0%         | 8.0%         | 3.3%         | 6.5%         | -1.5%       |
| Other Equip.  | 496,171     | 95,144     | 401,027     | 8.8%         | 4.8%         | 11.1%        | 5.3%         | 3.5%        |
| Total   | 5,622,073   | 2,000,853  | 3,621,220   | 100.0%       | 100.0%       | 100.0%       | 100.0%       |             |
| Check   | ok          | ok         | ok          |              |              |              |              |             |
| <b>Deprec - Other (RCR)</b>                             |             |            |             |              |              |              |              |             |
| Locomotive  | 975,438     | 274,712    | 700,726     | 77.6%        | 63.1%        | 85.4%        | 72.6%        | 5.0%        |
| Freight Car   | 280,775     | 160,513    | 120,262     | 22.4%        | 36.9%        | 14.6%        | 27.4%        | -5.0%       |
| Total   | 1,256,213   | 435,225    | 820,988     | 100.0%       | 100.0%       | 100.0%       | 100.0%       |             |
|   |             |            |             |              |              |              |              |             |
| <b>Equip. Rents</b>                                     |             |            |             |              |              |              |              |             |
| Car Hire  | 1,250,855   | 529,688    | 721,167     | 45.8%        | 74.9%        | 35.7%        | 42.2%        | 3.6%        |
| Lease Rents   | 1,479,527   | 177,942    | 1,301,585   | 54.2%        | 25.1%        | 64.3%        | 57.8%        | -3.6%       |
| Total   | 2,730,382   | 707,630    | 2,022,752   | 100.0%       | 100.0%       | 100.0%       | 100.0%       |             |
| Check   | ok          | ok         | ok          |              |              |              |              |             |
| <b>Interest (RCR)</b>                                   |             |            |             |              |              |              |              |             |
| Road  | 145,359,801 | 56,012,015 | 89,347,786  | 83.8%        | 79.1%        | 87.1%        | 81.7%        | 2.1%        |
| Locomotive  | 18,557,296  | 8,731,467  | 9,825,829   | 10.7%        | 12.3%        | 9.6%         | 12.2%        | -1.5%       |
| Freight Car   | 9,452,291   | 6,112,410  | 3,339,881   | 5.5%         | 8.6%         | 3.3%         | 6.1%         | -0.6%       |
| Total   | 173,369,388 | 70,855,892 | 102,513,496 | 100.0%       | 100.0%       | 100.0%       | 100.0%       |             |
| from Sch. 352B  | ok          | ok         | ok          |              |              |              |              |             |
| <b>Car Hire</b>   |             |            |             |              |              |              |              |             |
| RR Time excl Autork                                     | 215,074     |            |             | 17.4%        |              |              | 16.8%        | 0.6%        |
| RR Mileage excl Auto                                    | 103,959     |            |             | 8.4%         |              |              | 8.4%         | 0.0%        |
| Private excl Autorack                                   | 907,991     |            |             | 73.2%        |              |              | 73.5%        | -0.3%       |
| Autorack  | 12,788      |            |             | 1.0%         |              |              | 1.3%         | -0.3%       |
| Total   | 1,239,812   |            |             | 100.0%       |              |              | 100.0%       |             |
| from Sch. 414   | ok          |            |             |              |              |              |              |             |
| <b>Car Hire, Adjusted to eliminate negative numbers</b> |             |            |             |              |              |              |              |             |
| RR Time excl Autork                                     | 215,074     |            |             | 17.4%        |              |              | 16.8%        | 0.6%        |
| RR Mileage excl Auto                                    | 103,959     |            |             | 8.4%         |              |              | 8.4%         | 0.0%        |
| Private excl Autorack                                   | 907,991     |            |             | 73.2%        |              |              | 73.5%        | -0.3%       |
| Autorack  | 12,788      |            |             | 1.0%         |              |              | 1.3%         | -0.3%       |
| Total   | 1,239,812   |            |             | 100.0%       |              |              | 100.0%       |             |

Note: These numbers are all rounded to 3 digits after the decimal or 1 digit after the decimal for a percentage. In the event that the rounded percentages do not sum to 100.0%, the number that is closest to rounding in the other direction will be changed to force a 100.0% total. The number is identified by a bold font.

## Railroad Retirement and Medicare Benchmark for U.S.

### Inputs:

|  |         |   |           |
|--|---------|---|-----------|
| RRB Earnings Distribution Year                 | 2009    | RR Retirement Tier I Maximum Taxable Earnings for 2010  | \$106,800 |
| Wage Statistics Year                           | 2010    | RR Retirement Tier II Maximum Taxable Earnings for 2010 | \$79,200  |
| Employees Receiving Pay (from wage statistics) | 155,912 | Medicare Maximum Taxable Earnings for 2010              | no limit  |
|  |         | Tier I Employer Tax Rate for 2010                       | 6.20%     |
|  |         | Tier II Employer Tax Rate for 2010                      | 12.10%    |
|  |         | Medicare Employer Tax Rate for 2010                     | 1.45%     |

(Info Only)

|      | ST+PFTNW  | Update  | RR Ret.       | Hourly  |
|------|-----------|---------|---------------|---------|
| USA  | Hrly Rate | Factor  | Tax Paid      | Rate    |
| 2009 | \$34.444  |         |               |         |
| 2010 | \$33.842  | 0.98252 | \$499,023,412 | \$7.036 |

Hourly rate from SUPPL2010.xls

Railroad Retirement and Medicare Benchmark for U.S.

From 2009 RRB Earnings Distribution

|                   |           |                     |                      | Quarterly Average for Benchmark Year 2010 (using updated 2009 Earnings Distribution with data for 2010) |                      |                         |                |                 |                    |  |                  |
|-------------------|-----------|---------------------|----------------------|---|----------------------|-------------------------|----------------|-----------------|--------------------|--|------------------|
| Earnings Groups   |           | Avg Annual Earnings | % of Total Employees | Receiving Pay   | Avg. Annual Earnings | Avg. Quarterly Earnings | Tier I Taxable | Tier II Taxable | Tier I Medicare    | Total Taxable Earnings (Taxable x Employees) | Tier II Medicare |
| \$0 - 41,699      | \$31,535  | 5,178               | 8,073                | \$30,984  | \$7,746              | \$7,746                 | \$7,746        | \$7,746         | \$62,534,096       | \$62,534,096                                 |                  |
| 41,700 - 43,699   | \$42,795  | 1,873               | 2,920                | \$42,047  | 10,512               | 10,512                  | 10,512         | 10,512          | 30,696,778         | 30,696,778                                   |                  |
| 43,700 - 45,699   | \$44,897  | 1,429               | 2,228                | \$44,112  | 11,028               | 11,028                  | 11,028         | 11,028          | 24,570,361         | 24,570,361                                   |                  |
| 45,700 - 47,699   | \$46,735  | 2,267               | 3,535                | \$45,918  | 11,480               | 11,480                  | 11,480         | 11,480          | 40,574,741         | 40,574,741                                   |                  |
| 47,700 - 49,699   | \$48,824  | 4,830               | 7,531                | \$47,971  | 11,993               | 11,993                  | 11,993         | 11,993          | 90,311,380         | 90,311,380                                   |                  |
| 49,700 - 51,699   | \$50,661  | 6,555               | 10,220               | \$49,776  | 12,444               | 12,444                  | 12,444         | 12,444          | 127,176,962        | 127,176,962                                  |                  |
| 51,700 - 53,699   | \$52,641  | 4,781               | 7,454                | \$51,721  | 12,930               | 12,930                  | 12,930         | 12,930          | 96,383,982         | 96,383,982                                   |                  |
| 53,700 - 55,699   | \$54,711  | 5,224               | 8,145                | \$53,755  | 13,439               | 13,439                  | 13,439         | 13,439          | 109,456,060        | 109,456,060                                  |                  |
| 55,700 - 57,699   | \$56,595  | 4,879               | 7,607                | \$55,606  | 13,901               | 13,901                  | 13,901         | 13,901          | 105,747,686        | 105,747,686                                  |                  |
| 57,700 - 59,699   | \$58,774  | 4,189               | 6,531                | \$57,747  | 14,437               | 14,437                  | 14,437         | 14,437          | 94,288,256         | 94,288,256                                   |                  |
| 59,700 - 61,699   | \$60,748  | 3,499               | 5,455                | \$59,686  | 14,922               | 14,922                  | 14,922         | 14,922          | 81,402,533         | 81,402,533                                   |                  |
| 61,700 - 63,699   | \$62,594  | 4,041               | 6,300                | \$61,500  | 15,375               | 15,375                  | 15,375         | 15,375          | 96,868,717         | 96,868,717                                   |                  |
| 63,700 - 65,699   | \$64,703  | 3,647               | 5,686                | \$63,572  | 15,893               | 15,893                  | 15,893         | 15,893          | 90,369,561         | 90,369,561                                   |                  |
| 65,700 - 67,699   | \$66,652  | 3,302               | 5,148                | \$65,487  | 16,372               | 16,372                  | 16,372         | 16,372          | 84,285,379         | 84,285,379                                   |                  |
| 67,700 - 69,699   | \$68,715  | 3,450               | 5,379                | \$67,514  | 16,879               | 16,879                  | 16,879         | 16,879          | 90,788,876         | 90,788,876                                   |                  |
| 69,700 - 71,699   | \$70,674  | 3,006               | 4,687                | \$69,439  | 17,360               | 17,360                  | 17,360         | 17,360          | 81,359,944         | 81,359,944                                   |                  |
| 71,700 - 73,699   | \$72,704  | 3,056               | 4,765                | \$71,433  | 17,858               | 17,858                  | 17,858         | 17,858          | 85,089,045         | 85,089,045                                   |                  |
| 73,700 - 75,699   | \$74,721  | 3,056               | 4,765                | \$73,415  | 18,354               | 18,354                  | 18,354         | 18,354          | 87,449,638         | 87,449,638                                   |                  |
| 75,700 - 77,699   | \$76,655  | 2,997               | 5,000                | \$75,315  | 18,829               | 18,829                  | 18,829         | 18,829          | 56,422,960         | 56,422,960                                   |                  |
| 77,700 - 79,699   | \$78,829  | 1,971               | 3,073                | \$77,451  | 19,363               | 19,363                  | 19,363         | 19,363          | 59,502,421         | 59,502,421                                   |                  |
| 79,700 - 81,699   | \$80,635  | 2,070               | 3,227                | \$79,226  | 19,806               | 19,806                  | 19,806         | 19,806          | 63,902,092         | 63,902,092                                   |                  |
| 81,700 - 83,699   | \$82,752  | 2,760               | 4,303                | \$81,306  | 20,326               | 19,800                  | 20,326         | 19,800          | 87,468,076         | 87,468,076                                   |                  |
| 83,700 - 85,699   | \$84,668  | 2,316               | 3,611                | \$83,208  | 20,802               | 19,800                  | 20,802         | 19,800          | 75,114,265         | 75,114,265                                   |                  |
| 85,700 - 87,699   | \$86,725  | 2,021               | 3,151                | \$85,209  | 21,302               | 21,302                  | 21,302         | 21,302          | 62,389,434         | 62,389,434                                   |                  |
| 87,700 - 89,699   | \$88,638  | 1,676               | 2,613                | \$87,089  | 21,772               | 21,772                  | 21,772         | 21,772          | 51,739,085         | 51,739,085                                   |                  |
| 89,700 - 91,699   | \$90,443  | 1,577               | 2,459                | \$88,862  | 22,216               | 22,216                  | 22,216         | 22,216          | 48,682,898         | 48,682,898                                   |                  |
| 91,700 - 93,699   | \$92,780  | 1,084               | 1,690                | \$91,158  | 22,790               | 22,790                  | 22,790         | 22,790          | 33,463,704         | 33,463,704                                   |                  |
| 93,700 - 95,699   | \$94,604  | 1,626               | 2,535                | \$92,951  | 23,238               | 23,238                  | 23,238         | 23,238          | 50,195,557         | 50,195,557                                   |                  |
| 95,700 - 97,699   | \$96,820  | 1,281               | 1,997                | \$95,128  | 23,782               | 23,782                  | 23,782         | 23,782          | 39,545,208         | 39,545,208                                   |                  |
| 97,700 - 99,699   | \$98,732  | 0,887               | 1,383                | \$97,006  | 24,252               | 24,252                  | 24,252         | 24,252          | 27,382,201         | 27,382,201                                   |                  |
| 99,700 - 101,699  | \$100,935 | 0,789               | 1,230                | \$99,171  | 24,793               | 24,793                  | 24,793         | 24,793          | 33,538,493         | 33,538,493                                   |                  |
| 101,700 - 103,699 | \$102,598 | 0,936               | 1,459                | \$100,805   | 25,201               | 25,201                  | 25,201         | 25,201          | 36,777,037         | 36,777,037                                   |                  |
| 103,700 - 105,699 | \$104,735 | 0,591               | 921                  | \$102,904   | 25,726               | 25,726                  | 25,726         | 25,726          | 23,705,074         | 23,705,074                                   |                  |
| 105,700 - 107,699 | \$106,640 | 1,134               | 1,768                | \$104,776   | 26,194               | 26,194                  | 26,194         | 26,194          | 46,312,176         | 46,312,176                                   |                  |
| 107,700 - 109,699 | \$108,961 | 0,444               | 692                  | \$107,057   | 26,764               | 26,764                  | 26,764         | 26,764          | 13,706,536         | 13,706,536                                   |                  |
| 109,700 - 111,699 | \$110,834 | 0,493               | 769                  | \$108,897   | 27,224               | 27,224                  | 27,224         | 27,224          | 15,219,194         | 15,219,194                                   |                  |
| 111,700 - 113,699 | \$112,939 | 0,591               | 921                  | \$110,965   | 27,741               | 27,741                  | 27,741         | 27,741          | 18,244,510         | 18,244,510                                   |                  |
| 113,700 - 115,699 | \$114,910 | 0,197               | 307                  | \$112,902   | 28,225               | 28,225                  | 28,225         | 28,225          | 8,200,815          | 8,200,815                                    |                  |
| \$115,700 - over  | \$181,384 | 5,372               | 8,376                | \$178,214   | 44,553               | 26,700                  | 19,800         | 44,553          | 223,628,323        | 223,628,323                                  |                  |
| <b>TOTAL</b>      |           | 100,000             | 155,912              |   |                      |                         |                |                 | <b>165,836,734</b> | <b>373,161,621</b>                           |                  |

|   |                 |                 |                      |
|---|-----------------|-----------------|----------------------|
| Total Taxable Earnings.                     | \$2,611,616,320 | \$2,454,870,565 | \$2,763,024,964      |
| Employer Tax Rate                           | 6.20%           | 12.10%          | 1.45%                |
| Employer Payment                            | \$161,920,212   | \$297,039,338   | \$40,063,862         |
| <b>Total Tier I &amp; II &amp; Medicare</b> |                 |                 | <b>\$499,023,412</b> |

## RRB 2009 EARNINGS DATA

| Annual Salary Range  | Number of Employees | Gross Salary | Group          |                    | Cumulative Employees | Cumulative Salary (Group) | Average Salary (Cumulative) | Cumulative % Total Employment | Cumulative % Total Employment |
|----------------------|---------------------|--------------|----------------|--------------------|----------------------|---------------------------|-----------------------------|-------------------------------|-------------------------------|
|                      |                     |              | Average Salary | Employment % Total |                      |                           |                             |                               |                               |
| \$ 0 TO \$41,699     | 105                 | \$3,311,139  | \$31,535       | 5.175              | 105                  | \$3,311,139               | \$31,535                    | 5.175                         | 5.175                         |
| \$41,700 TO \$43,699 | 38                  | \$1,626,201  | \$42,795       | 1.873              | 143                  | \$4,937,340               | \$34,527                    | 7.048                         |                               |
| \$43,700 TO \$45,699 | 29                  | \$1,302,027  | \$44,897       | 1.429              | 172                  | \$6,239,367               | \$36,275                    | 8.477                         |                               |
| \$45,700 TO \$47,699 | 46                  | \$2,149,792  | \$46,735       | 2.267              | 218                  | \$8,389,159               | \$38,482                    | 10.744                        |                               |
| \$47,700 TO \$49,699 | 98                  | \$4,784,752  | \$48,824       | 4.830              | 316                  | \$13,173,911              | \$41,690                    | 15.574                        |                               |
| \$49,700 TO \$51,699 | 133                 | \$6,737,871  | \$50,661       | 6.555              | 449                  | \$19,911,782              | \$44,347                    | 22.129                        |                               |
| \$51,700 TO \$53,699 | 97                  | \$5,106,216  | \$52,641       | 4.781              | 546                  | \$25,017,998              | \$45,821                    | 26.910                        |                               |
| \$53,700 TO \$55,699 | 106                 | \$5,799,344  | \$54,711       | 5.224              | 652                  | \$30,817,342              | \$47,266                    | 32.134                        |                               |
| \$55,700 TO \$57,699 | 99                  | \$5,602,926  | \$56,595       | 4.879              | 751                  | \$36,420,268              | \$48,496                    | 37.013                        |                               |
| \$57,700 TO \$59,699 | 85                  | \$4,995,769  | \$58,774       | 4.189              | 836                  | \$41,416,037              | \$49,541                    | 41.203                        |                               |
| \$59,700 TO \$61,699 | 71                  | \$4,313,128  | \$60,748       | 3.499              | 907                  | \$45,729,165              | \$50,418                    | 44.702                        |                               |
| \$61,700 TO \$63,699 | 82                  | \$5,132,712  | \$62,594       | 4.041              | 989                  | \$50,861,877              | \$51,428                    | 48.743                        |                               |
| \$63,700 TO \$65,699 | 74                  | \$4,788,007  | \$64,703       | 3.647              | 1,063                | \$55,649,884              | \$52,352                    | 52.390                        |                               |
| \$65,700 TO \$67,699 | 67                  | \$4,465,680  | \$66,652       | 3.302              | 1,130                | \$60,115,564              | \$53,200                    | 55.692                        |                               |
| \$67,700 TO \$69,699 | 70                  | \$4,810,027  | \$68,715       | 3.450              | 1,200                | \$64,925,591              | \$54,105                    | 59.142                        |                               |
| \$69,700 TO \$71,699 | 61                  | \$4,311,098  | \$70,674       | 3.006              | 1,261                | \$69,236,689              | \$54,906                    | 62.149                        |                               |
| \$71,700 TO \$73,699 | 62                  | \$4,507,678  | \$72,704       | 3.056              | 1,323                | \$73,744,367              | \$55,740                    | 65.205                        |                               |
| \$73,700 TO \$75,699 | 62                  | \$4,632,696  | \$74,721       | 3.056              | 1,385                | \$78,377,063              | \$56,590                    | 68.260                        |                               |
| \$75,700 TO \$77,699 | 39                  | \$2,989,555  | \$76,655       | 1.922              | 1,424                | \$81,366,618              | \$57,139                    | 70.182                        |                               |
| \$77,700 TO \$79,699 | 40                  | \$3,153,177  | \$78,829       | 1.971              | 1,464                | \$84,519,795              | \$57,732                    | 72.154                        |                               |
| \$79,700 TO \$81,699 | 42                  | \$3,386,661  | \$80,635       | 2.070              | 1,506                | \$87,906,456              | \$58,371                    | 74.224                        |                               |
| \$81,700 TO \$83,699 | 56                  | \$4,634,139  | \$82,752       | 2.760              | 1,562                | \$92,540,595              | \$59,245                    | 76.984                        |                               |
| \$83,700 TO \$85,699 | 47                  | \$3,980,332  | \$84,688       | 2.316              | 1,609                | \$96,520,927              | \$59,988                    | 79.300                        |                               |
| \$85,700 TO \$87,699 | 41                  | \$3,555,738  | \$86,725       | 2.021              | 1,650                | \$100,076,665             | \$60,653                    | 81.321                        |                               |
| \$87,700 TO \$89,699 | 34                  | \$3,013,699  | \$88,638       | 1.676              | 1,684                | \$103,090,364             | \$61,218                    | 82.997                        |                               |

## RRB 2009 EARNINGS DATA

| Annual Salary Range    | Number of Employees | Gross Salary (Group) | Group Employment |                | Cumulative Employees | Cumulative Salary    | Average Salary (Cumulative) | Cumulative % Total Employment | Cumulative % Total Employment |
|------------------------|---------------------|----------------------|------------------|----------------|----------------------|----------------------|-----------------------------|-------------------------------|-------------------------------|
|                        |                     |                      | Average Salary   | % Total        |                      |                      |                             |                               |                               |
| \$89,700 TO \$91,699   | 32                  | \$2,894,161          | \$90,443         | 1.577          | 1,716                | \$105,984,525        | \$61,763                    | 84.574                        |                               |
| \$91,700 TO \$93,699   | 22                  | \$2,041,154          | \$92,780         | 1.084          | 1,738                | \$108,025,679        | \$62,155                    | 85.658                        |                               |
| \$93,700 TO \$95,699   | 33                  | \$3,121,928          | \$94,604         | 1.626          | 1,771                | \$111,147,607        | \$62,760                    | 87.284                        |                               |
| \$95,700 TO \$97,699   | 26                  | \$2,517,323          | \$96,820         | 1.281          | 1,797                | \$113,664,930        | \$63,253                    | 88.566                        |                               |
| \$97,700 TO \$99,699   | 18                  | \$1,777,182          | \$98,732         | 0.887          | 1,815                | \$115,442,112        | \$63,604                    | 89.453                        |                               |
| \$99,700 TO \$101,699  | 16                  | \$1,614,958          | \$100,935        | 0.789          | 1,831                | \$117,057,070        | \$63,931                    | 90.241                        |                               |
| \$101,700 TO \$103,699 | 19                  | \$1,949,368          | \$102,598        | 0.936          | 1,850                | \$119,006,438        | \$64,328                    | 91.178                        |                               |
| \$103,700 TO \$105,699 | 12                  | \$1,256,822          | \$104,735        | 0.591          | 1,862                | \$120,263,260        | \$64,588                    | 91.769                        |                               |
| \$105,700 TO \$107,699 | 23                  | \$2,452,717          | \$106,640        | 1.134          | 1,885                | \$122,715,977        | \$65,101                    | 92.903                        |                               |
| \$107,700 TO \$109,699 | 9                   | \$980,651            | \$108,961        | 0.444          | 1,894                | \$123,696,628        | \$65,310                    | 93.346                        |                               |
| \$109,700 TO \$111,699 | 10                  | \$1,108,336          | \$110,834        | 0.493          | 1,904                | \$124,804,964        | \$65,549                    | 93.839                        |                               |
| \$111,700 TO \$113,699 | 12                  | \$1,355,272          | \$112,939        | 0.591          | 1,916                | \$126,160,236        | \$65,846                    | 94.431                        |                               |
| \$113,700 TO \$115,699 | 4                   | \$459,640            | \$114,910        | 0.197          | 1,920                | \$126,619,876        | \$65,948                    | 94.628                        |                               |
| \$115,700 AND OVER     | 109                 | \$19,770,862         | \$181,384        | 5.372          | 2,029                | \$146,390,738        | \$72,149                    | 100.000                       | 100.000                       |
| <b>TOTAL</b>           | <b>2,029</b>        | <b>\$146,390,738</b> | <b>\$72,149</b>  | <b>100.000</b> | <b>2,029</b>         | <b>\$146,390,738</b> | <b>\$72,149</b>             | <b>100.000</b>                | <b>100.000</b>                |